

**SPECIFICATIONS.**  
**DEMOLITION**—Tear down and remove from the premises any and all structures now existing within or on the lines enclosing the space to be excavated. All rubbish is to belong to the contractor and to be removed by him from the premises. Each bidder will state in his bid what amount he will allow on account of the excavating contract for the buildings now standing on the space to be excavated, the materials composing the same to become the property of the contractor.  
**EXCAVATION**—Excavate as shown by plan and section, the excavated material to belong to the contractor and to be removed by him from the premises. During the progress of the excavation the contractor is to use all precautions to prevent any injury or damage to neighboring buildings or properties, and to the public, and is to be responsible for any failure to do so. The contractor shall not assign or sublet this contract or any portion of it without the written consent of the Architects. No payment shall be made upon this contract except upon the certificate of the Architects and they shall have the right to require before any or all certificates are issued, that satisfactory evidence be furnished by the contractor to the said Board of Trustees that all claims against him arising from the work comprehended in this specification have been fully satisfied. All and every part of the work included herein is to be entirely finished and completed on or before the fifteenth day of April, 1898, and in default thereof the contractor shall pay to the said Board of Trustees the sum of

Grade 30.50

**SECTION LINE.**

one hundred dollars for each and every day thereafter that the said work shall remain unfinished as and for liquidated damages. The iron fence now enclosing the property is to remain the property of the said Board of Trustees and is to be carefully taken down by the contractor and placed where directed. The contractor to use care in the preservation of the flagging on Washington St. and shall either remove same from driveways or protect them by plank. Contractor to remove large tree in front from premises thoroughly removing the roots and shall state his price for so doing.

Bidders will include in their estimate, the demolition and removal of brick stable on north side of property.

PLAN.

SECTION.

APPROXIMATE NATURAL GRADE.

OFFICE OF  
**RANKIN & KELLOGG,**  
ARCHITECTS,  
1024 WALNUT ST.  
PHILADELPHIA.  
NOTICE. Before executing this work all plans must be verified at the building.  
This drawing is the property of the Architects, and must be returned to them on completion of the work.  
Grade 33.26  
Grade 30.50  
Grade 24.0  
WORK NO. 240 SHEET NO. 23  
SUBJECT: Plan for excavating.  
SCALE: 1/8" = 1 ft. DATE: 3/4/98  
SEE SHEET NO.

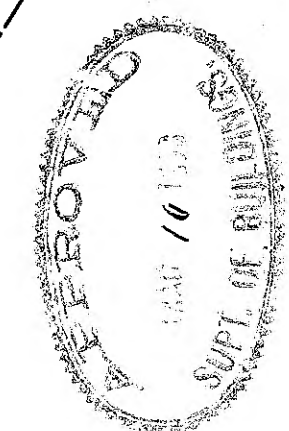


Boiler Room.

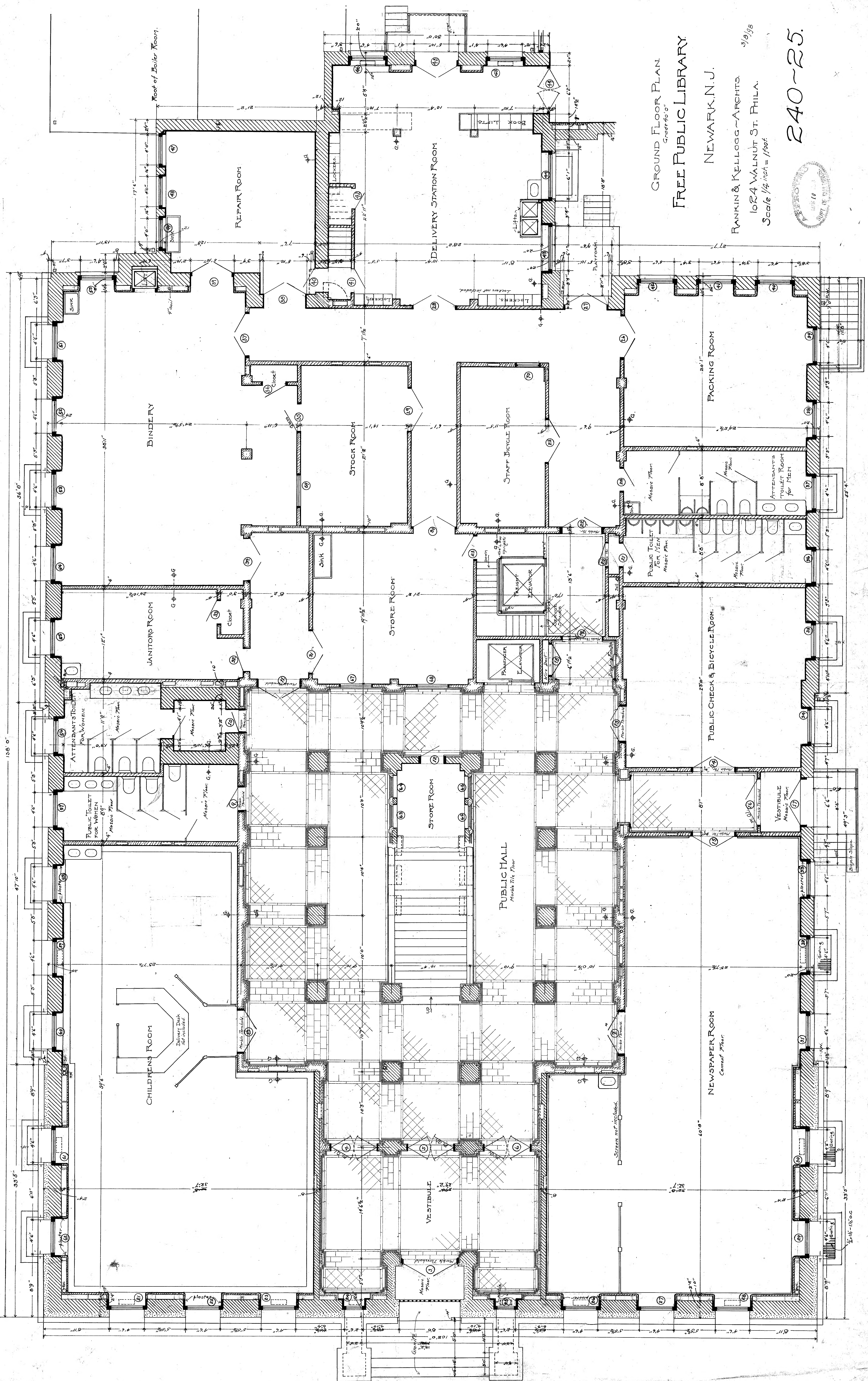
CELLAR PLAN  
Great 50'  
FREE PUBLIC LIBRARY  
NEWARK NJ

FRANKIN & KELLOGG ARCHTS.  
1021 W. NINT ST. DET. A

240-24





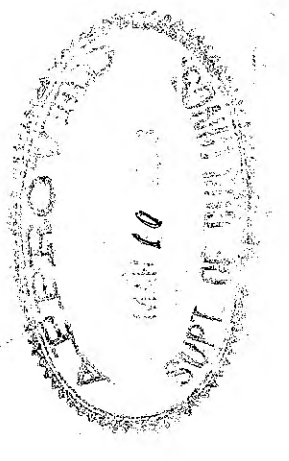


GROUND FLOOR PLAN  
Grade 40' 0"

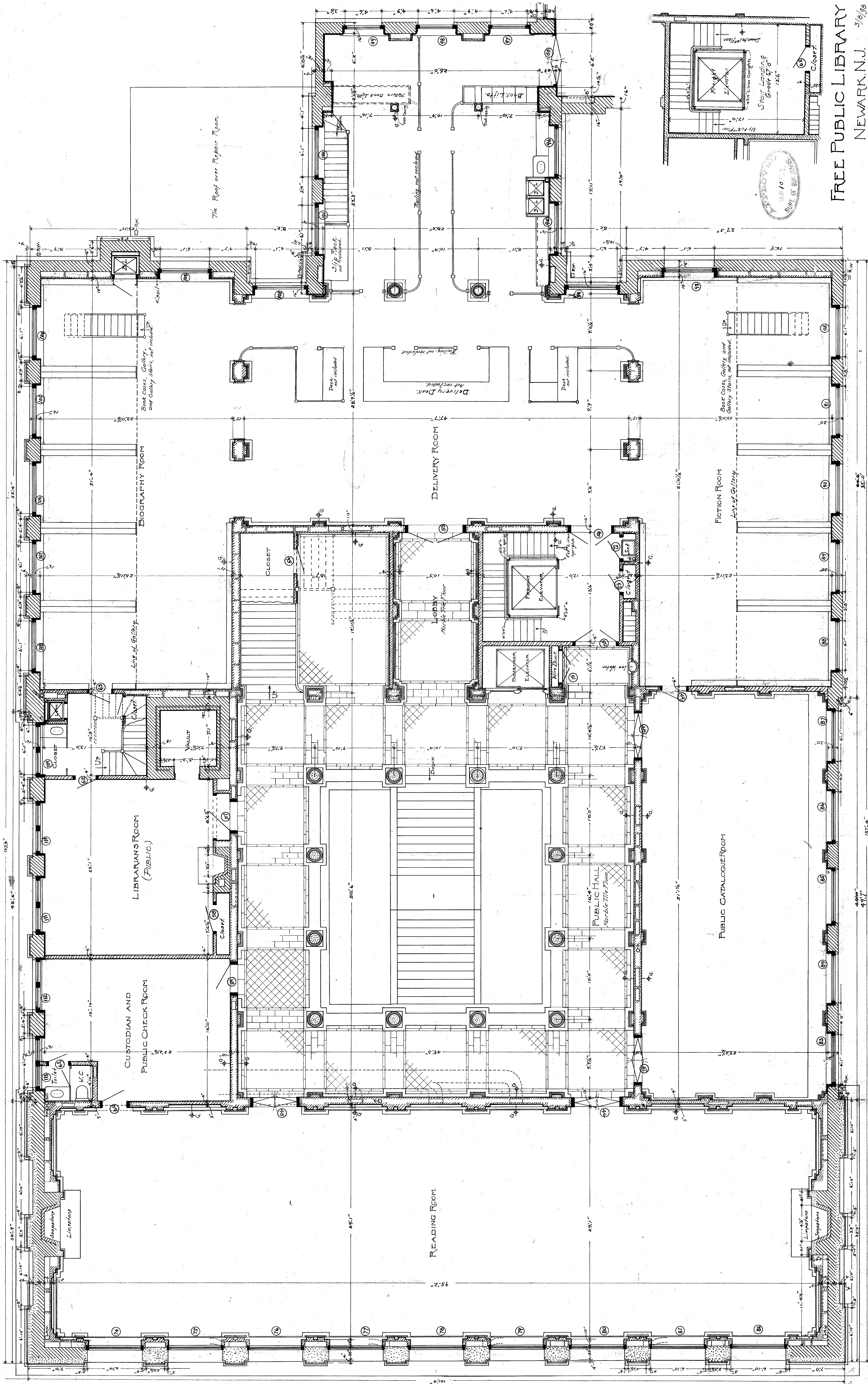
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FRANKLIN & KELLOGG - ARCHTS.  
1024 WALNUT ST. PHILA.  
Scale 1/4" inch = 1' foot  
3/19/18

240-25.







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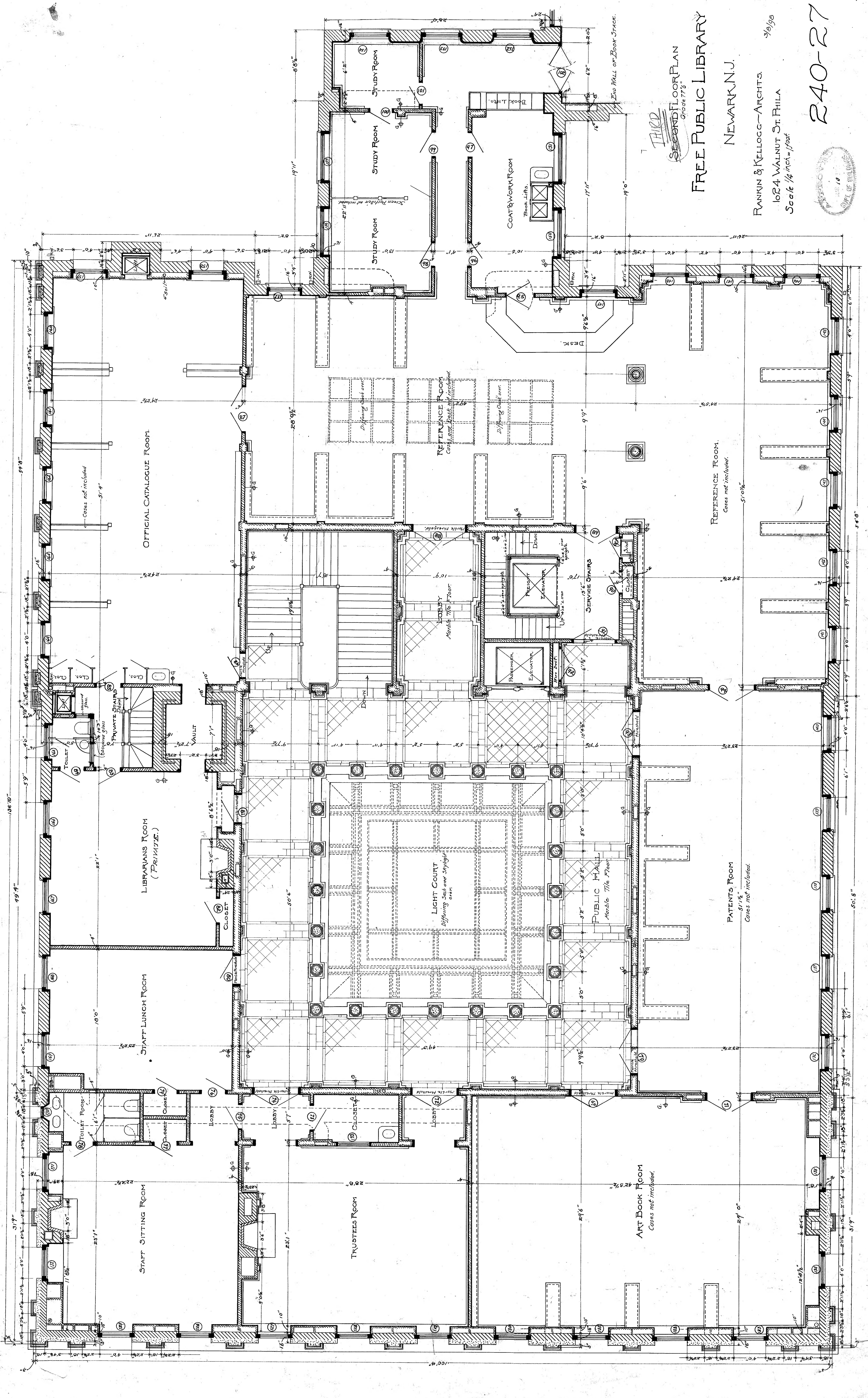
NEWARK, N.J. 5/8/98

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Scale 1/4" = 1' - 0"

FIRST FLOOR PLAN  
Grade 15' 0"

24026



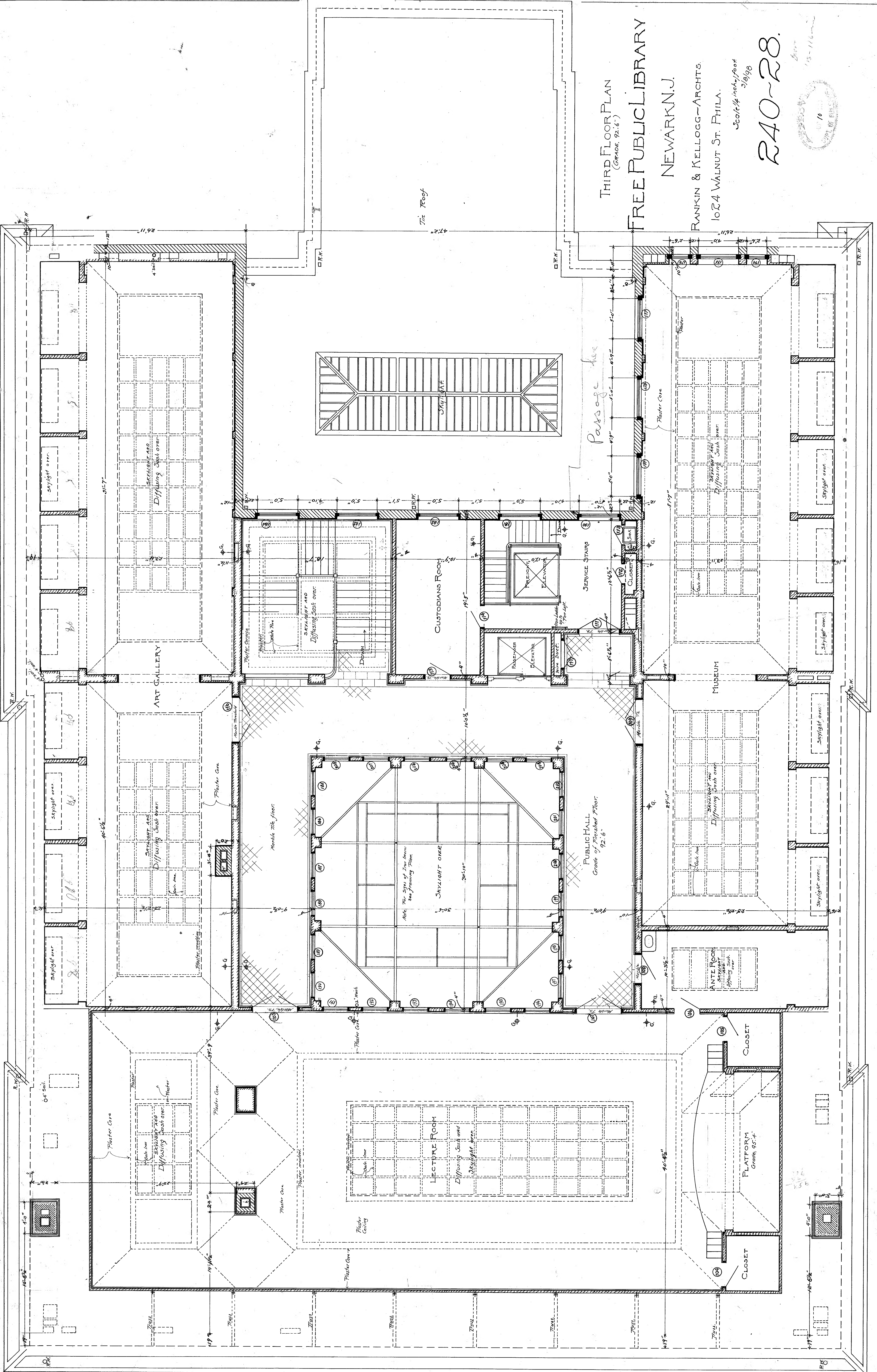


THIRD  
SECOND FLOOR PLAN  
Grade 77 1/2"  
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NEWARK, N.J.  
RANKIN & KELLOGG-ARCHTS.  
1624 WALNUT ST. PHILA.  
Scale 1/4" = 1'-0"

240-27







THIRD FLOOR PLAN  
(GRADE 92.6')

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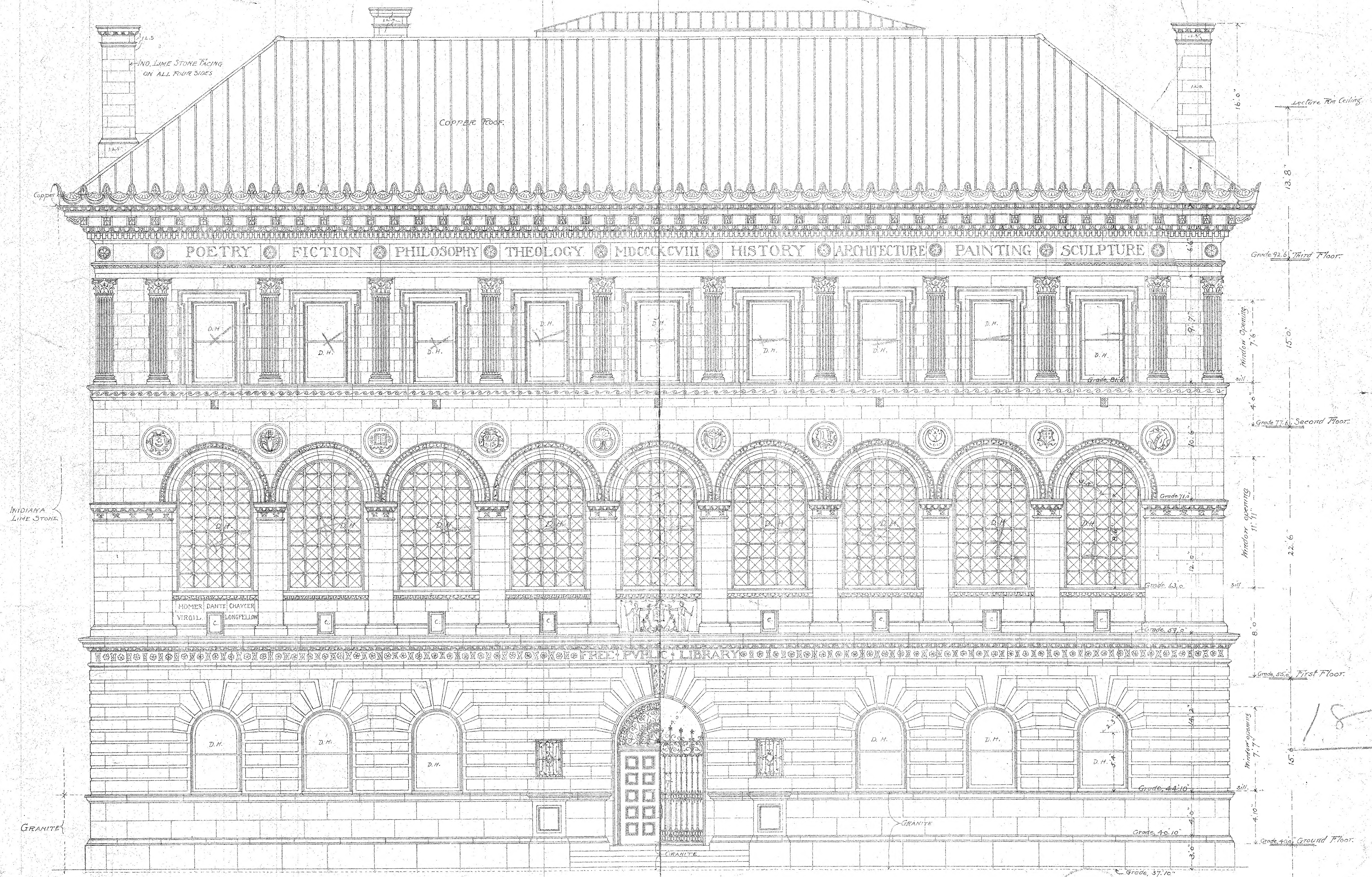
1024 WALNUT ST. PHILA.

Scale 1/4" = 1'-0"

240-28.







FRONT ELEVATION.  
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NEWARK, N.J.

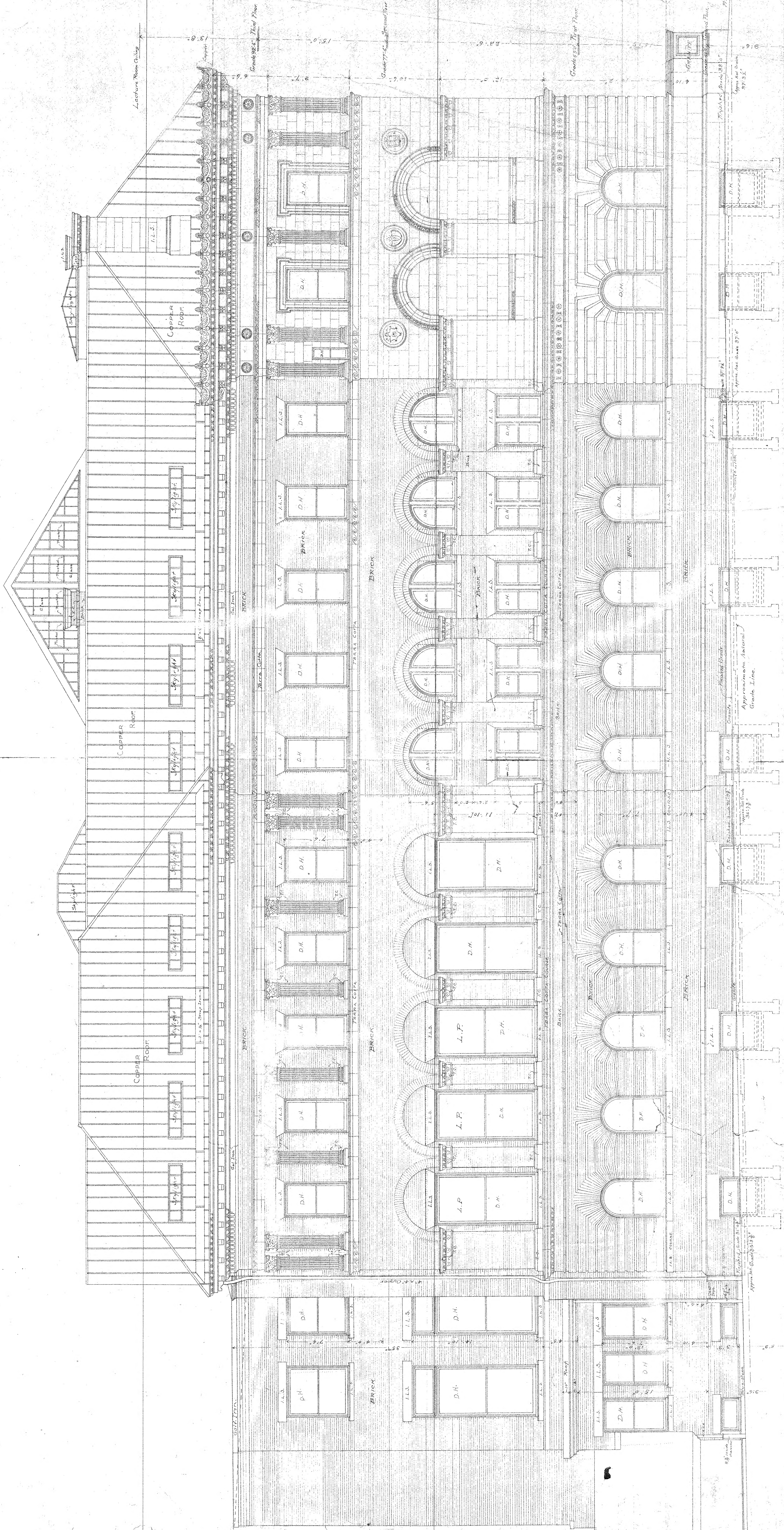
SCALE  $\frac{1}{4}$  inch = 1 Foot.

RANKIN & KELLOGG, ARCH'TS.  
1024 WALNUT STREET, PHILA.

N<sup>o</sup> 240, -29 Grade 30.50 Cellar Floor.

2/23/98:





SOUTH ELEVATION

RANKIN & KELLOGG-ARCHTS

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Other windows to have  $\frac{3}{4}$ " Iron bars, 3" on centres.  
Cross bars -  $\frac{3}{4}$ " x 2".

Scale:  $\frac{1}{4}$ " = 1'-0"  
240-30









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RANKIN & KELLOGG - ARCHTS.  
1024 WALNUT ST. PHILA.

3/8/98

Scale 1/4 inch = 1 foot

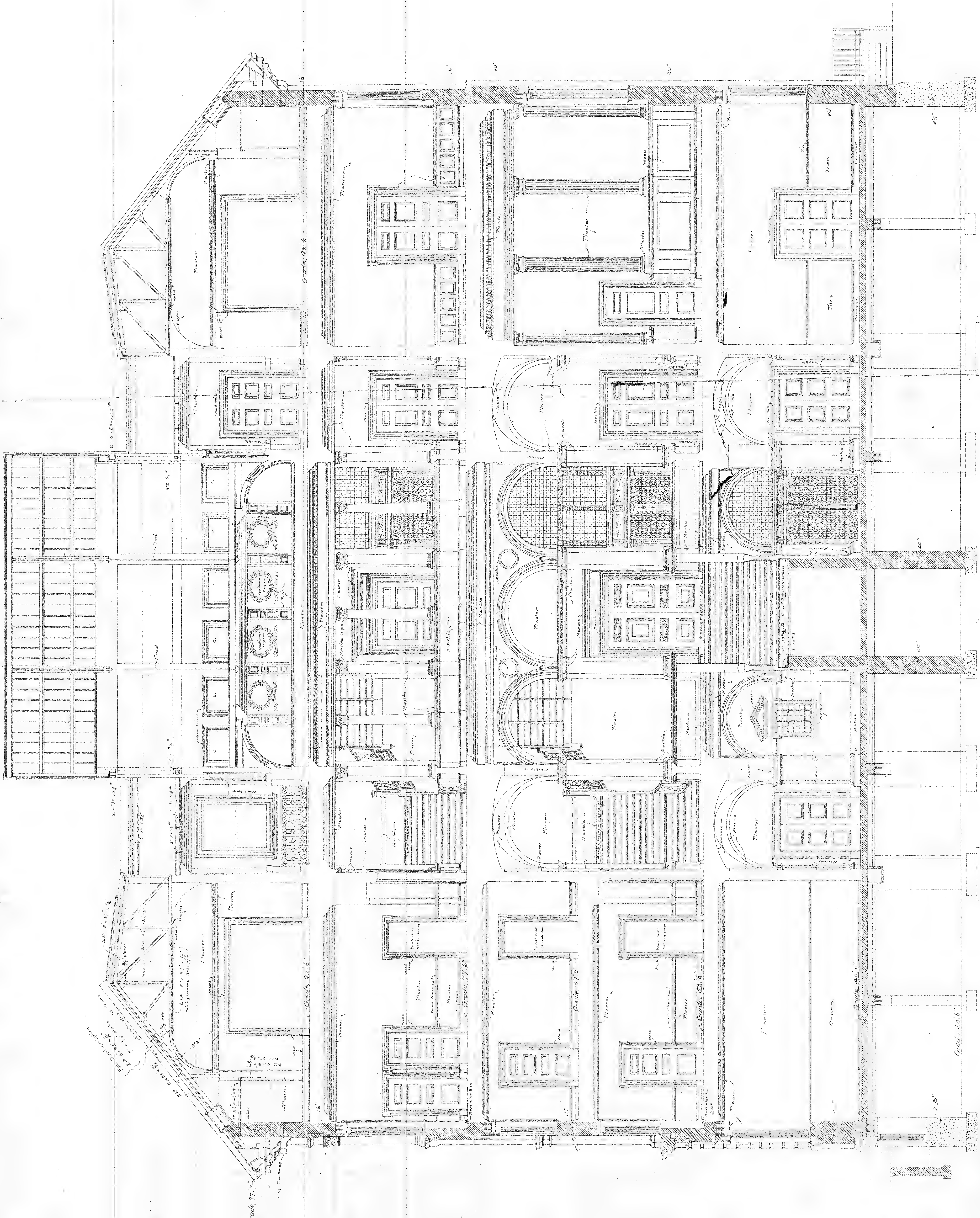
240-32.

25-4

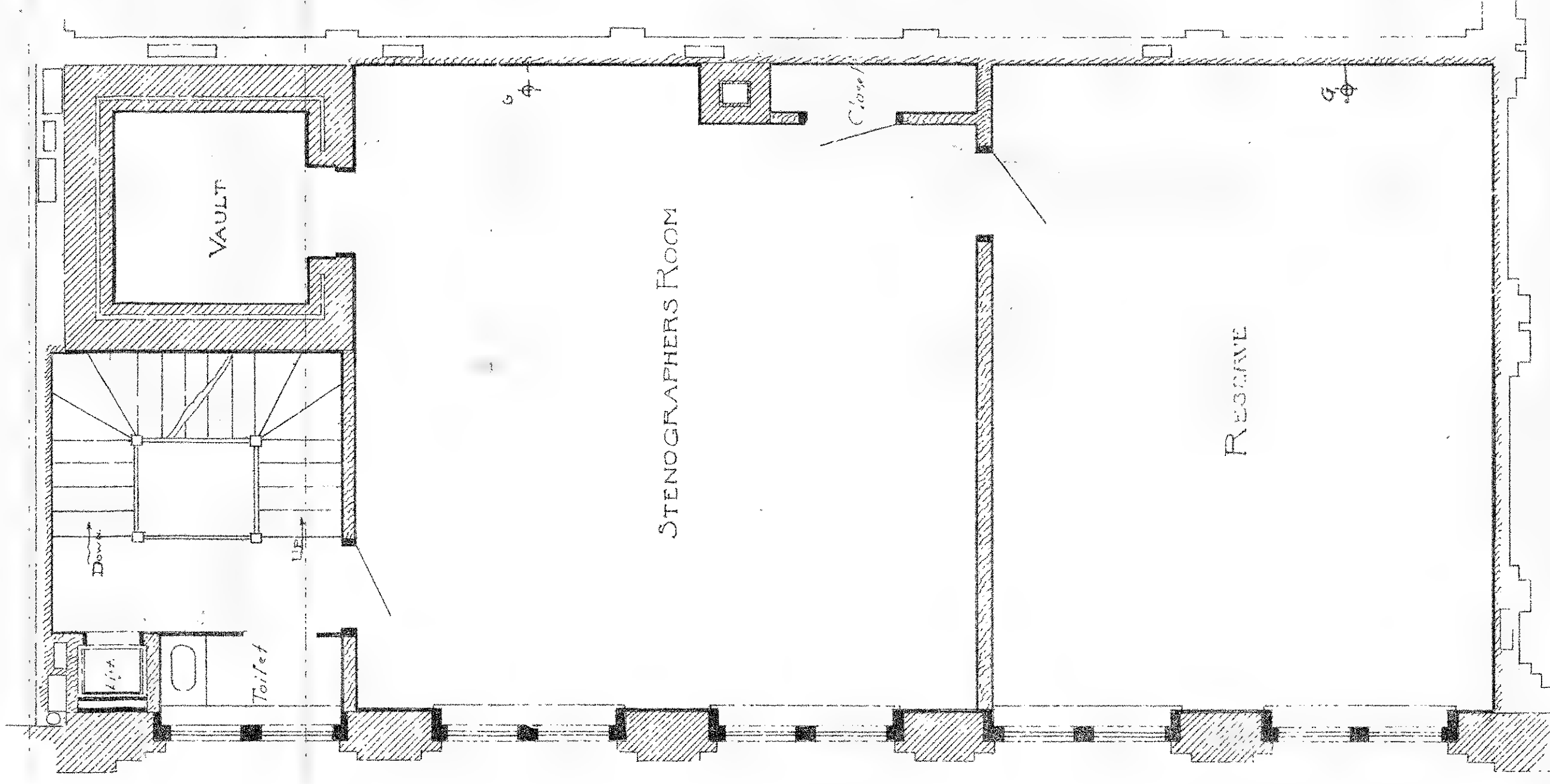
REAR ELEVATION

Rev. 3-6-99





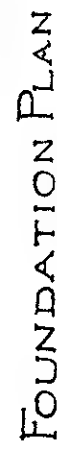
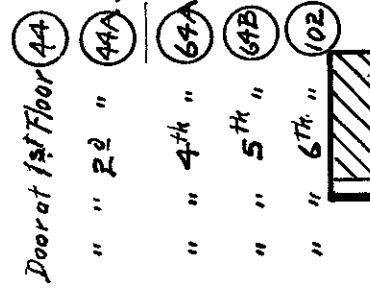
CROSS SECTION



ENTRESOL PLAN  
Sheet 67/6  
**FREE PUBLIC LIBRARY**  
NEWARK N.J.  
RANKIN & KELLOGG-ARCHTS.  
1024 WALNUT ST. PHILA.  
Scale 1/4 inch = 1 foot  
240-34

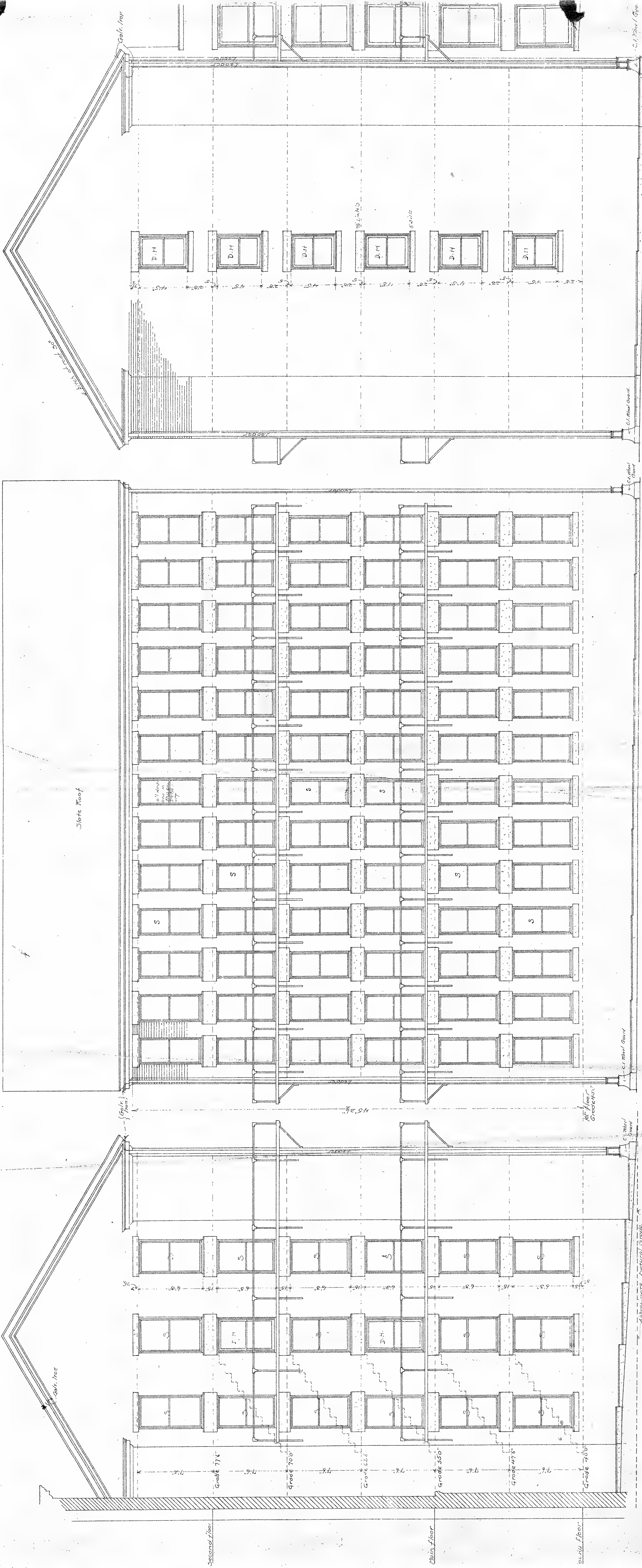


240-36.



FOUNDATION PLAN





WEST ELEVATION

NORTH ELEVATION  
BOOK STACK

EAST ELEVATION

Scale 1/4 inch = 1 foot

10

240-37

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1024 WALNUT ST. PHILA.

NEWARK, N.J.

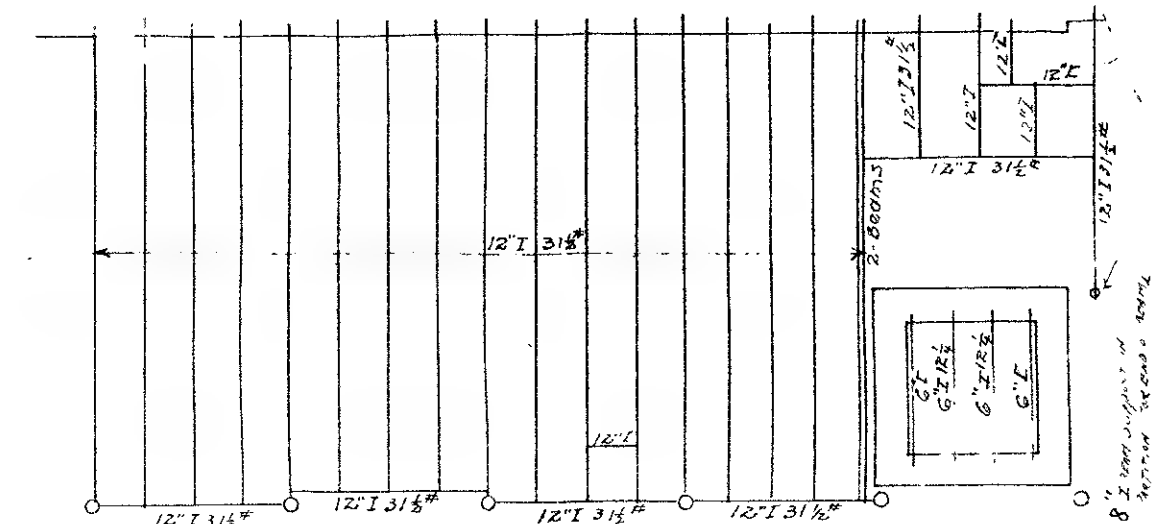
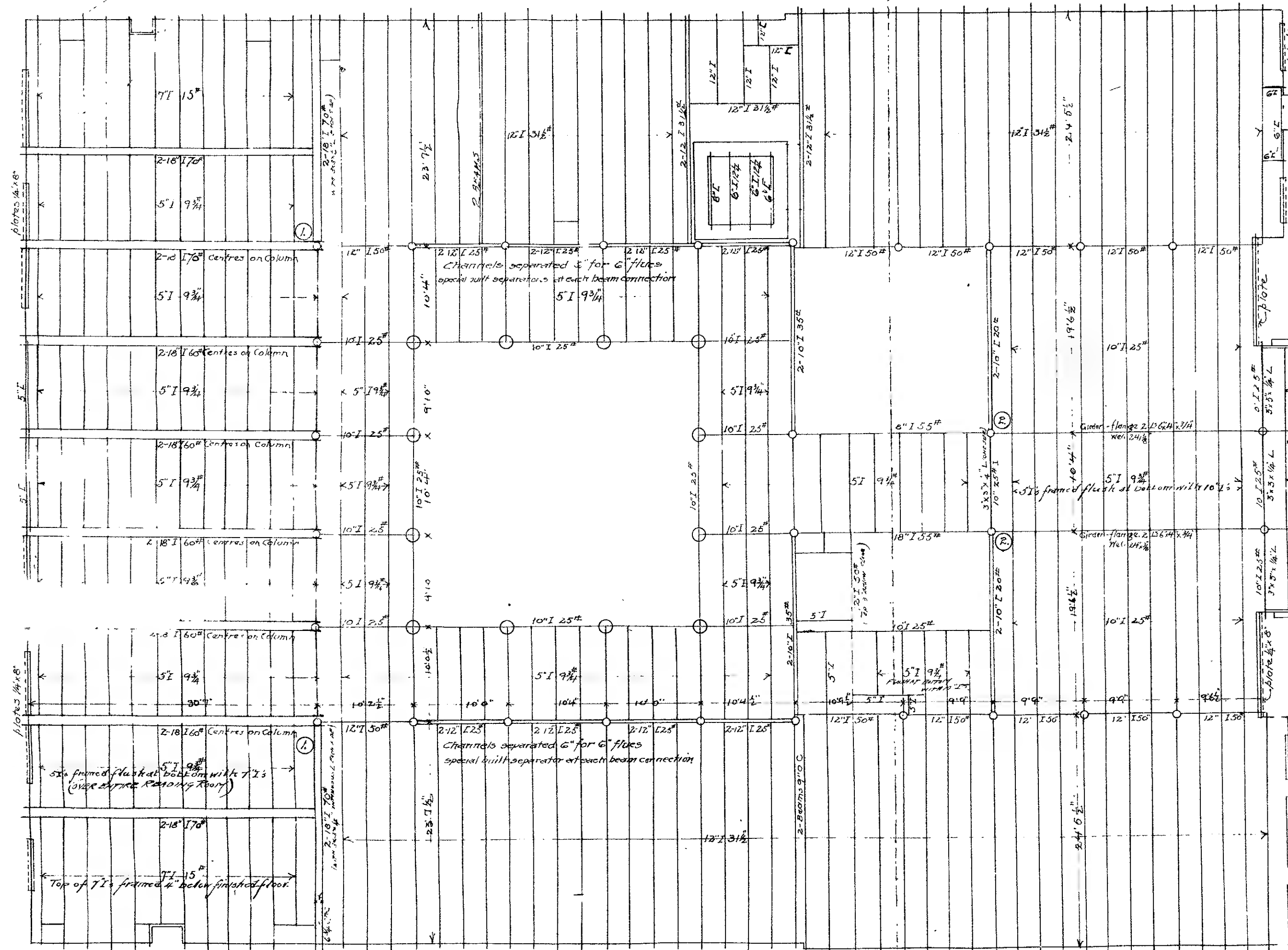




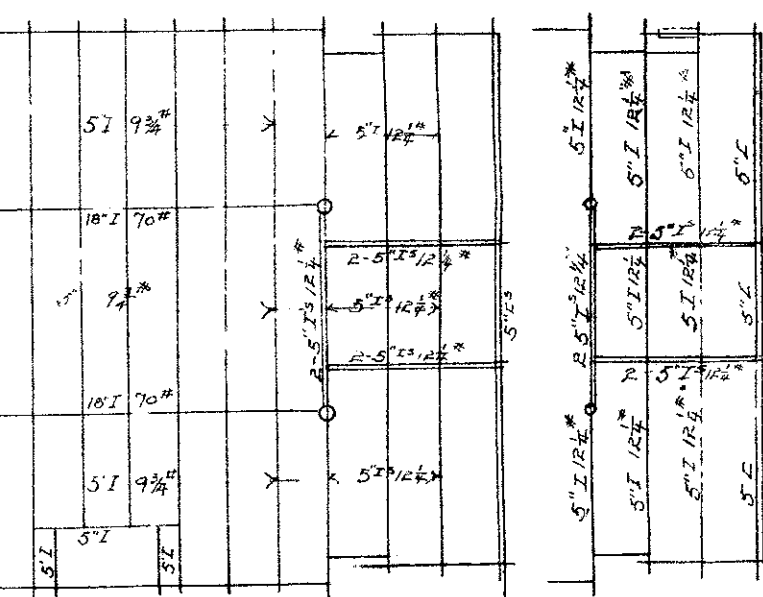








Plan of Entresol bet. Main + 2nd floors.



Plan of three intermediate Galleries.

- All floor beams frame flush at top, 4" below finished floor, unless otherwise noted.
- All girders frame flush at top with floor beams, unless otherwise noted.
- All double beams and girders to have approved cast iron or special separators.
- 18" Girders over reading room to set on top of first story columns. Second story columns to set on top of girders.
- Every other wall beam and every wall girder to have approved wall anchor.
- 12" beams to have wall bearing of 10" or 12" x 12" x 1/2" plates.
- 5" x 7" " " " " " 6" " 8" x 8" x 3/4" " "
- 18" girders to have 15" bearing on 18" x 18" x 7/8" stone or walls.

Column Sections	Columns Nos. 1 and 2	4" x 4" x 3/8" web 9' x 3/8" 2 covers 9' x 3/8"	H
	All other Columns	4" x 4" x 3/8" web 9' x 3/8" 2 covers 9' x 3/8"	H

Entresol floor over rear stair hall to be framed like same portion of main floors.

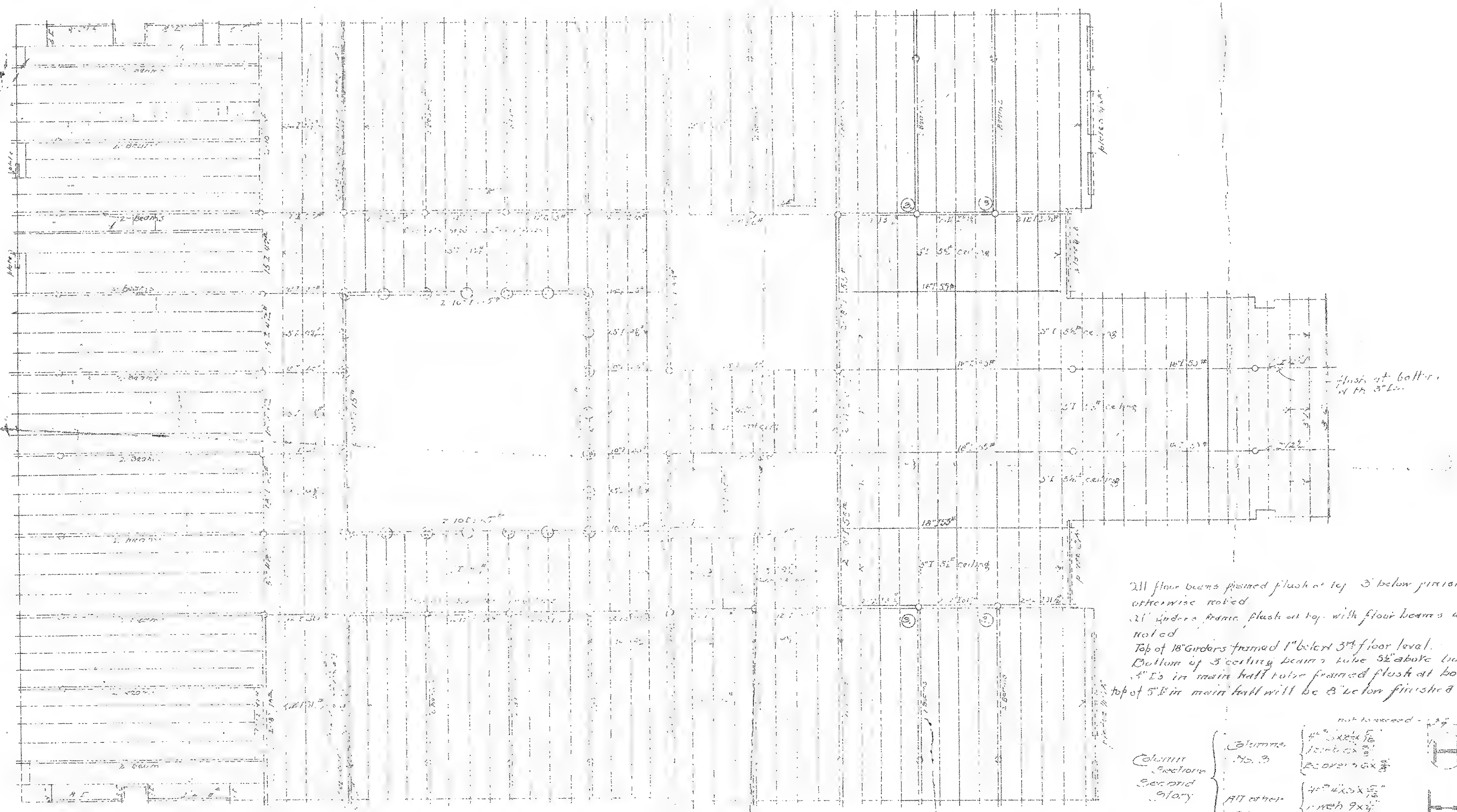
Rankin & Kellogg, Archts.  
1624 Walnut St., Phila.

FRAMING PLAN, SECOND FLOOR  
FREE PUBLIC LIBRARY.  
NEWARK, N.J.

240 = 40.  
2.25.98.

Scale 1/8 inch = 1 foot.





All floor beams finished flush at top 3" below finished floor unless otherwise noted.  
 21" Under frame, flush at top with floor beams unless otherwise noted.  
 Top of 18" Girders framed 1" below 3rd floor level.  
 Bottom of 3 ceiling beams tube 3 1/2" above bottom of 18" T.  
 4" Is in main hall tube framed flush at bottom with 10".  
 Top of 5" E in main hall will be 3" below finished floor.

Column Section Second Story	Column No. 3	4" x 4" x 1/16" 12" x 12" x 1/8" 20" x 20" x 3/8"	
	All other	4" x 4" x 1/16" 12" x 12" x 1/8" 20" x 20" x 3/8"	
	Column	4" x 4" x 1/16" 12" x 12" x 1/8" 20" x 20" x 3/8"	

Rankin & Kellogg Architects  
 105-11th Ave. S. D.C.

Structural Floor Plan  
 105-11th Ave. S. D.C.

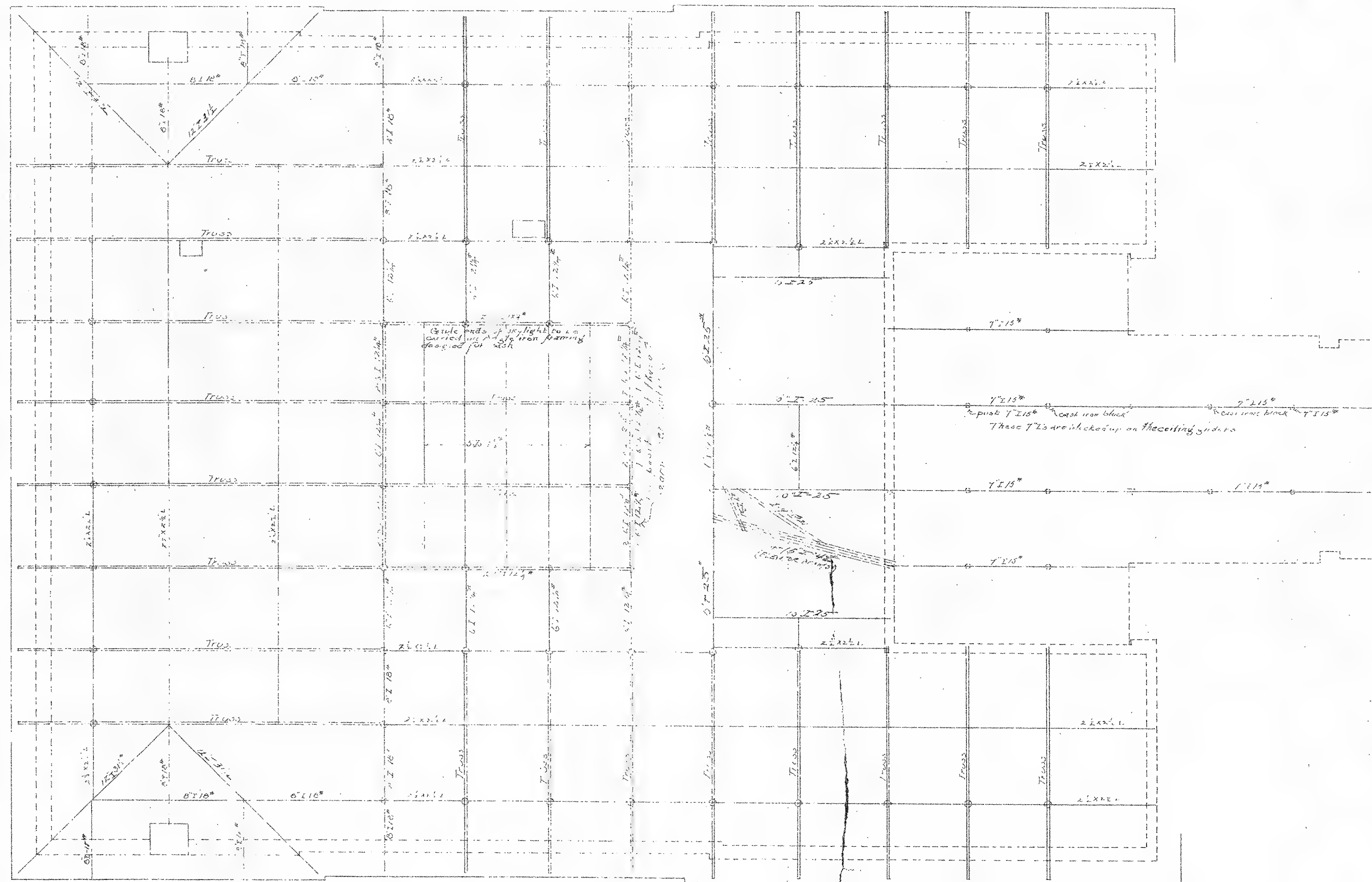
Scale 1/8" = 1'-0"  
 3/2/28

24011th Ave. S.









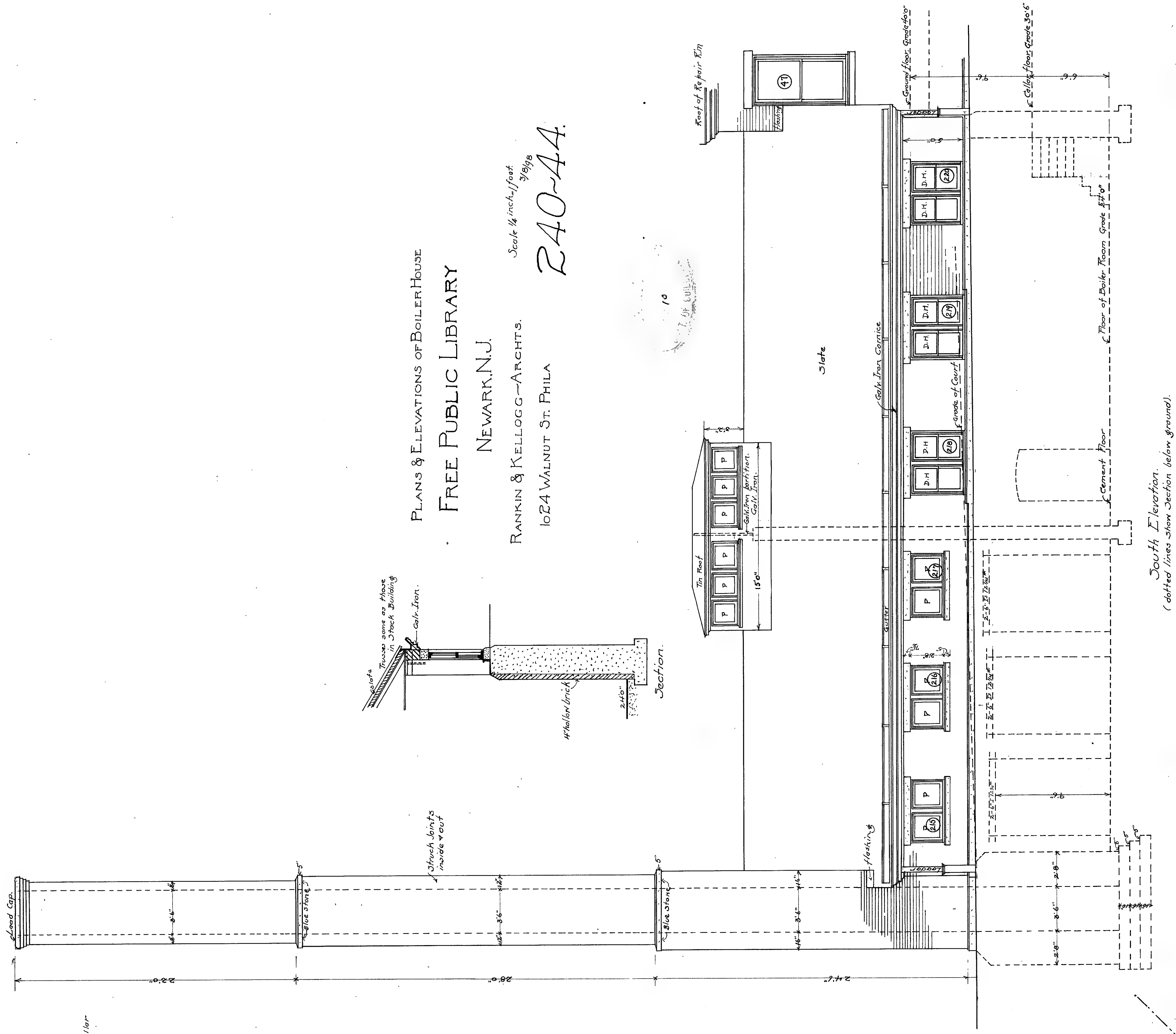
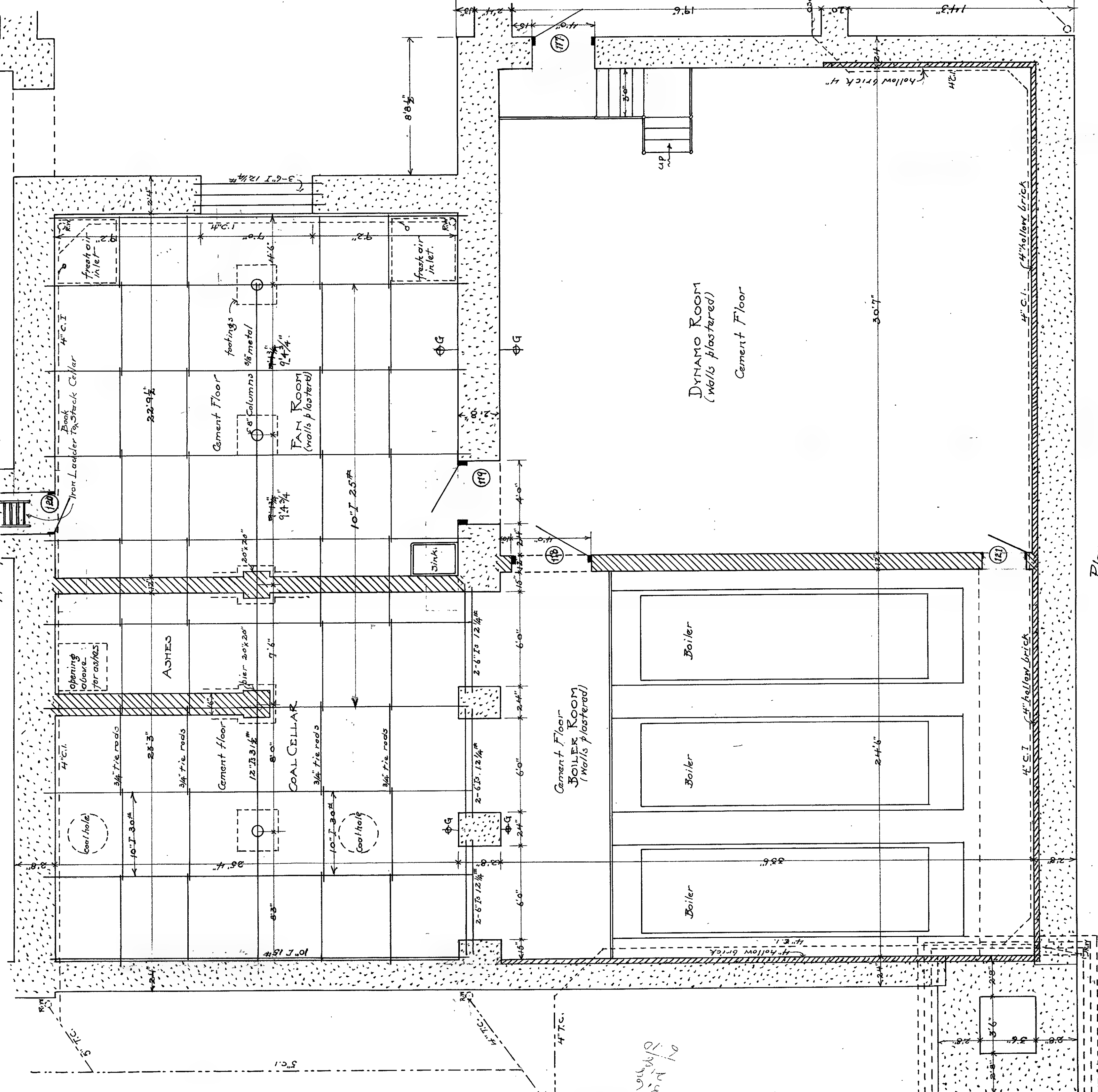
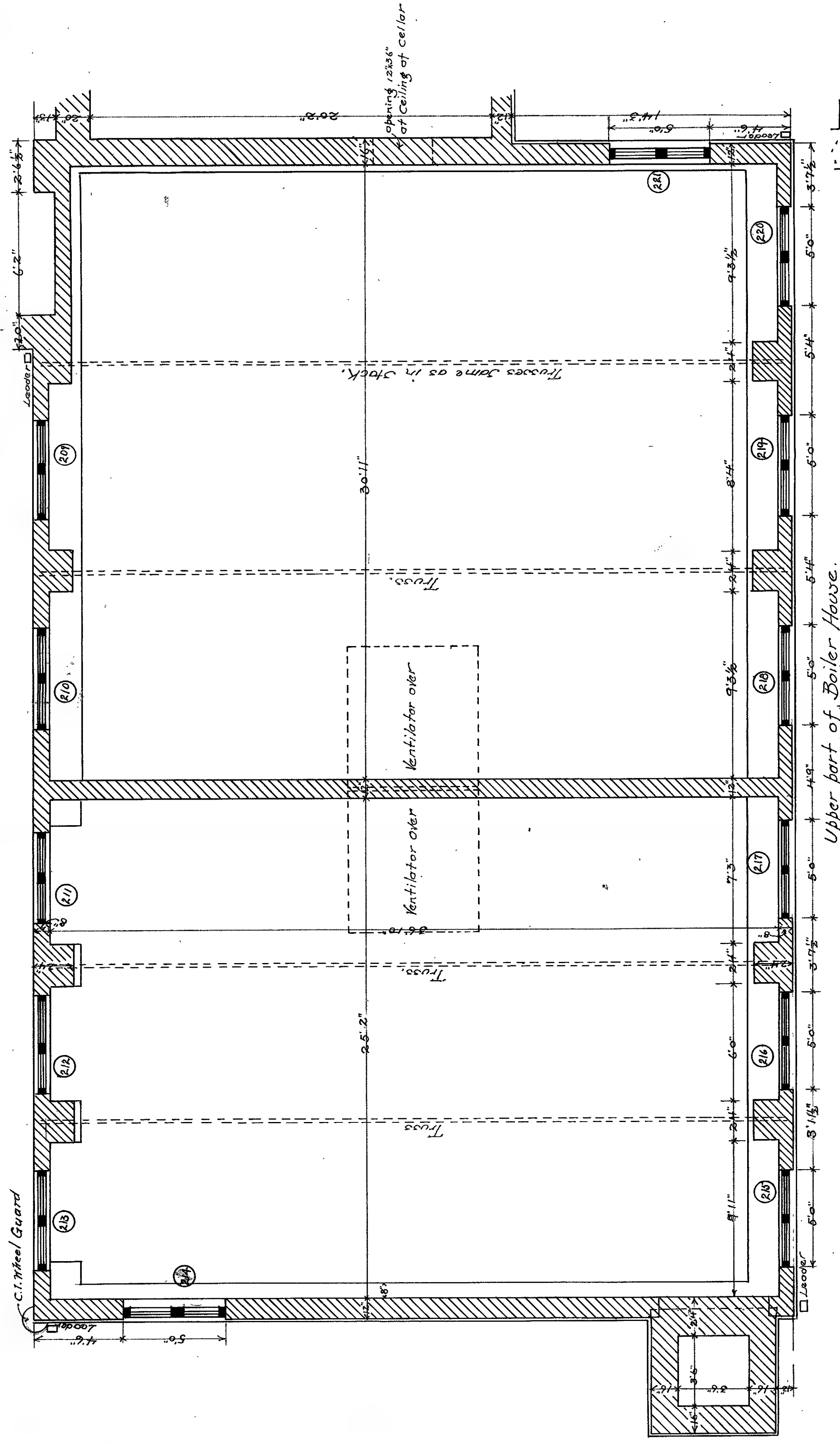
Rankin & Kellogg, Archts  
1024 Walnut St., Phila

FRAMING PLAN, ROOF  
FREE PUBLIC LIBRARY  
NEWARK, N.J.

240-43  
2.26.98

Scale  $\frac{1}{8}$  inch = 1 foot.





# PLANS & ELEVATIONS OF BOILER HOUSE FREE PUBLIC LIBRARY

NEWARK, N.J.

RANKIN & KELLOGG-ARCHTS.

1024 WALNUT ST. PHILA.

Scale 1/4 inch = 1 foot

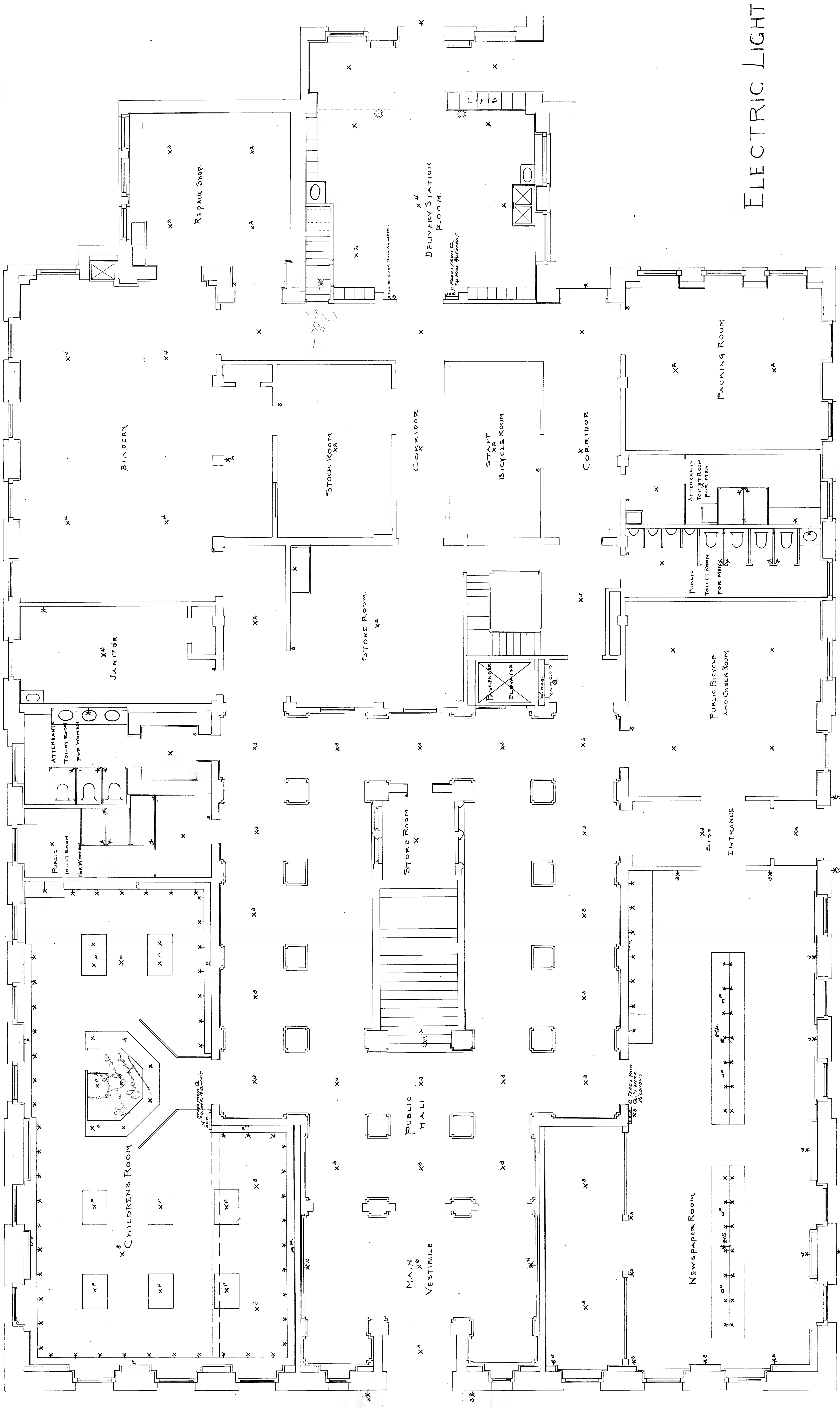
240-44.

South Elevation  
(dotted lines show section below ground)









GROUND FLOOR PLAN.

SCALE 1/4" = ONE FOOT

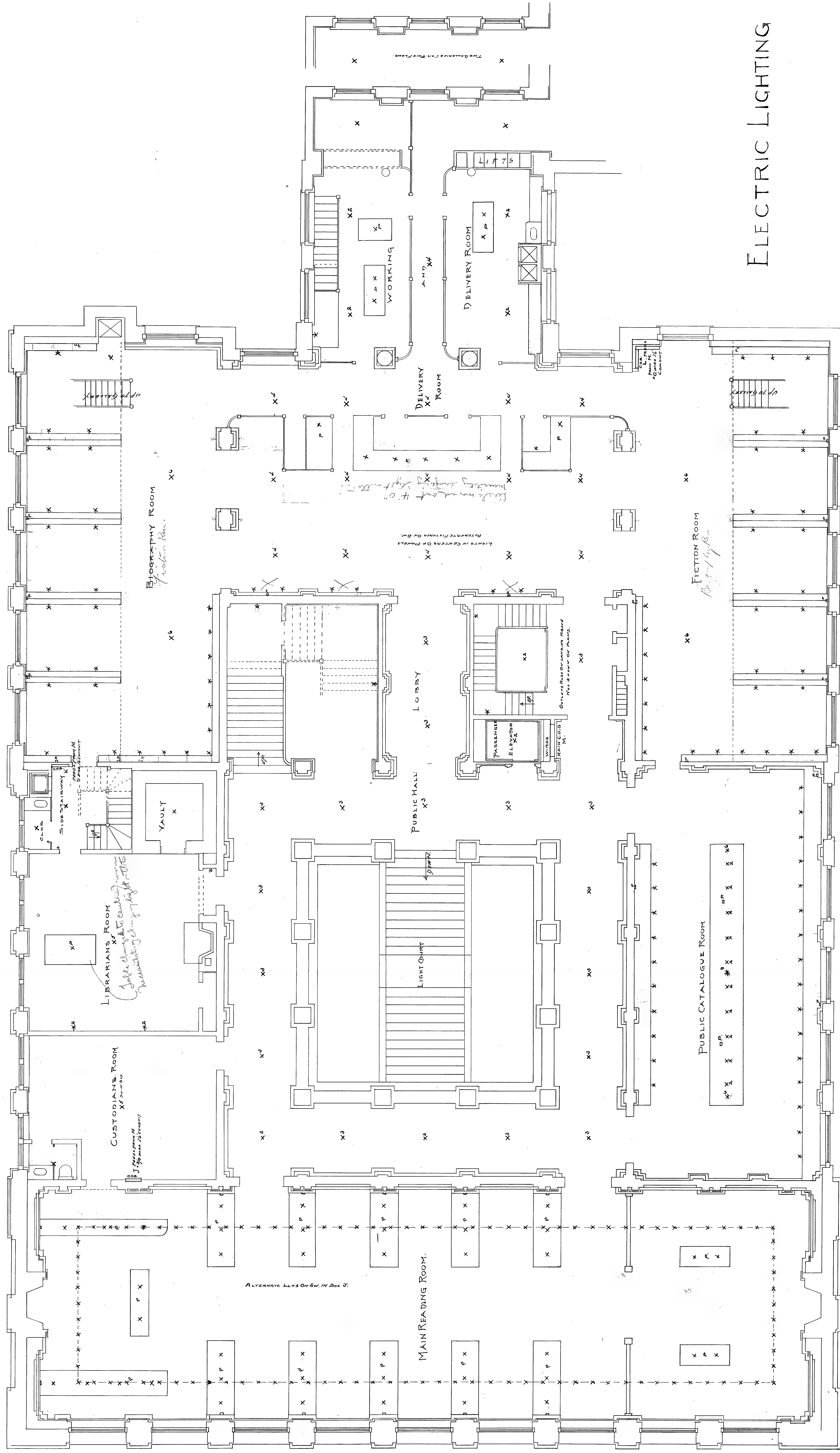
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# ELECTRIC LIGHTING.

RANKIN & KELLOGG ARCHT'S  
1024 WALNUT STREET  
PHILADELPHIA, PA.

DATE, MARCH 15TH 1898.  
240-46





# ELECTRIC LIGHTING

RANKIN & KELLOGG, ARC.<sup>TS</sup>  
1024 WALNUT STREET  
PHILADELPHIA, PA.

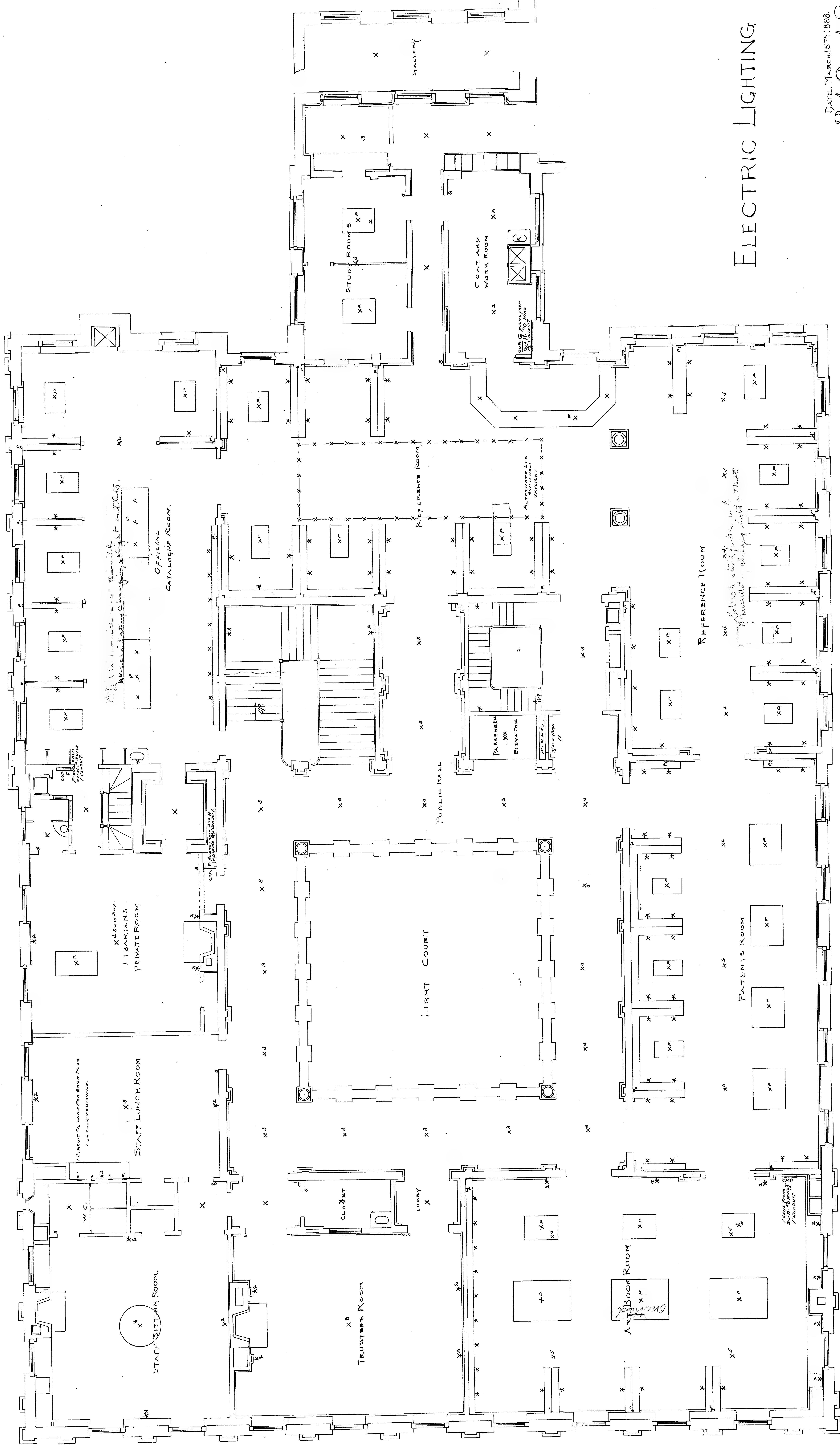
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NEWARK, N.J.

DATE, MARCH 15<sup>TH</sup> 1898.

# MAIN FLOOR PLAN

SCALE 1/4" = ONE FOOT





DATE, MARCH 15TH 1898.  
**240-48**

RANKIN & KELLOGG ARCHT'S  
1024 WALNUT STREET  
PHILADELPHIA, PA.

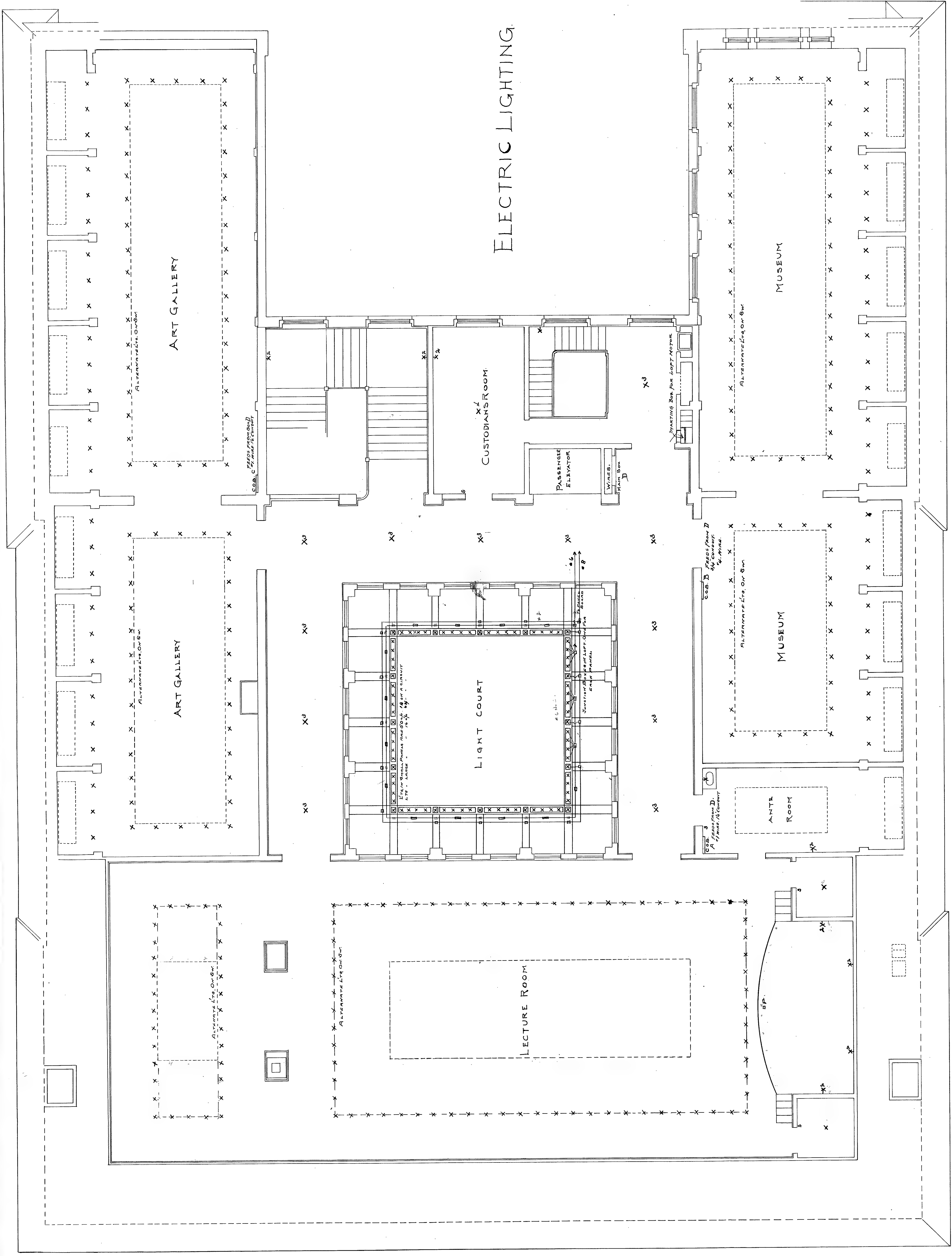
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NEWARK, N.J.

SECOND FLOOR PLAN.

SCALE 1/4" = ONE FOOT.

ELECTRIC LIGHTING





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RANKIN & KELLOGG, ARCHT'S  
1024 WALNUT STREET  
PHILADELPHIA, PA.  
DATE, MARCH 15TH 1898.

THIRD FLOOR PLAN

240-49

SCALE 1/4" = ONE FOOT



SCHEDULE FOR ELECTRIC LIGHTS.

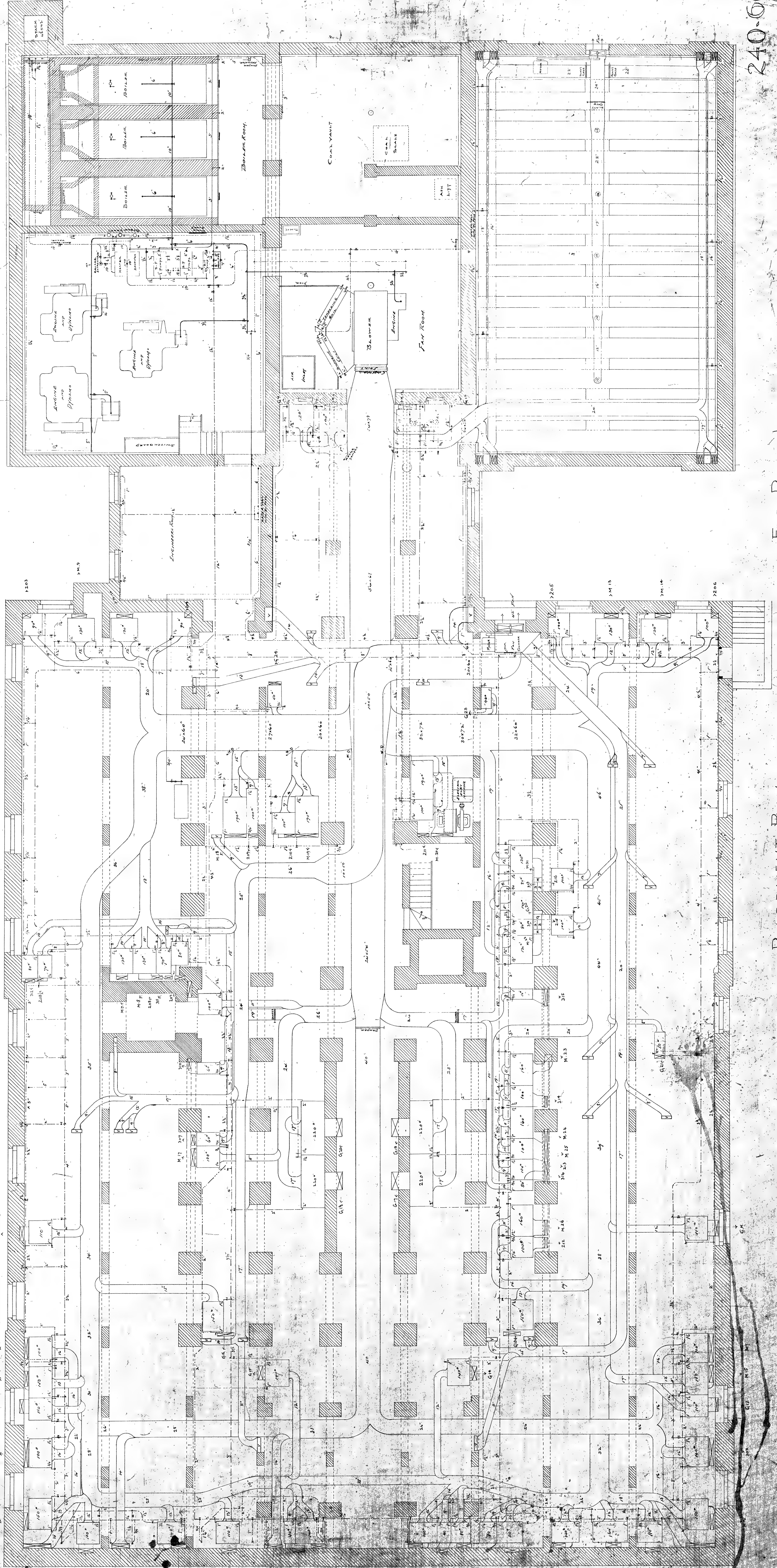
MARCH 1898.

FREE PUBLIC LIBRARY, NEWARK, N.J.

RANKIN & KELLOGG ARCHT  
1024 WALNUT ST  
PHILADELPHIA, PA.

LOCATION	WTLTS	CHAN <sup>o</sup>	BRACKET	STAND	PLUGS	16 CP LAMPS	SWITCHES	POSITION of Switch	FEED FROM	REMARKS.
THIRD FLOOR.										
LECTURE ROOM	104	104				104	4	Box A	Box A	ALTERNATE LIGHTS ON SWITCH AROUND EACH CORNICE
STAGE PLATFORM	5		4-2	1-1	1	10	1	"	"	1-32 CP ON STAND.
TWO DRESSING ROOMS	2	2				2	2	LOCAL	"	
ANTE-ROOM	2		1-2			3	1	"	"	
MUSEUM FRONT	24	24				24	2	Box B	Box B	ALTERNATE LIGHTS ON SWITCH
" " ALCOVES	9	9				9	1	"	"	
" REAR	40	40-1				40	2	"	"	ALTERNATE LIGHTS ON SWITCH
" " ALCOVES	15	15				15	1	"	"	
ART GALLERY FRONT	32	32				32	2	Box C	Box C	ALTERNATE LIGHTS ON SWITCH
" " ALCOVES	12	12				12	1	"	"	
" " REAR	40	40				40	2	"	"	ALTERNATE LIGHTS ON SWITCH
" " ALCOVES	15	15				15	1	"	"	
CUSTODIAN'S ROOM.	2	1-4	1-2			6	1	LOCAL	Box D	
LIGHT COURT	80	80-1				114	2	Box D	"	SMALL PANELS HAVE 50 CP LAMPS
MAIN HALL	12	12-3				36	3	"	"	CHAN IN FRONT OF ELEV HAS SEP SW. ALT. CHAN ON SW.
" STAIRS	2		2-2			4		"	"	
SERVICE STAIRS	2		2-1			2		"	"	
SECOND FLOOR.						468.				
TRUSTEES ROOM LOBBY & C	8	1-8 3-1	4-2			19	5	LOCAL	Box E	
STAFF SITTING ROOM	4	1-8	3-2			14	1	"	"	
ENTRY AND W.C. (STAFF)	2	2-7				2	2	"	"	
STAFF LUNCH ROOM	8	1-3	3-2			4	9	1	"	4 PLUGS FOR COOKING.
LIBRARIAN'S PRIVATE RM	5	1-4	3-2	1-1	1	11	1	"	"	
" ENTRY	1	1-1				1	1	"	"	
" W.C	1	1-1				1	1	"	"	
" VAULT	1	1-1				1		"	"	
OFFICIAL CATALOGUE RM	17	3-6	17-1	12-1	14	47	5	Box F	Box F	SW FOR TABLES. SW FOR BRACKETS. SW FOR EACH CHAN <sup>o</sup>
REFERENCE ROOM CENTRAL	50	40-1	27-1	8-1	10	75	4	" G	" G	ALT. CEILING LTS ON SW FOR TABLE SW FOR BRACKETS
" " SIDE	19	5-4	27-1	7-1	14	54	4	" G	" G	SW FOR TABLES. SW FOR BRACKETS. 2 SW FOR CHAN <sup>o</sup>
THREE STUDY ROOMS	4	1-3 1-1		2-1	2	6	2	LOCAL	"	
WORK ROOM	3	2-2	1-1			5	1	"	"	
PASSAGE TO STACK	3	3-1				3	1	"	"	
GALLERY TO STACK	2	2-1				2		"	"	
PATENTS ROOM	16	3-6	24-1	7-1	18	49	5	Box H	Box H	SW FOR TABLES. SW FOR BRACKETS. SW FOR EACH CHAN <sup>o</sup>
MAIN HALL	19	19-3				57	3	"	"	CHAN <sup>o</sup> IN FRONT OF ELEV HAS SEP SW. ALT. CHAN ON SW
" STAIRS	2	1	2-2			4		"	"	
SERVICE STAIRS & ELEVATOR	4	2-2	2-1			6		"	"	
ART. BOOK ROOM.	21	4-5 15-1	6-1	10	55	6	Box I	Box I	Box I	SW FOR TABLES. SW FOR BRACKETS. SW FOR EACH CHAN <sup>o</sup>
MAIN FLOOR.						421.				
MAIN READING ROOM.	119	104-1		43-1	15	147	3	Box J	Box J	ALTERNATE CHAN. LIGHTS ON SW. TABLE LIGHTS ON SW.
CUSTODIAN'S ROOM	2	1-5		1-1		6	1	"	"	
LIBRARIAN'S ROOM	4	1-5	2-2	1-1	1	10	1	LOCAL	Box K	
" VAULT. CLOSET & STAIRS	3	3-1				3	2	"	"	
" STENOGRAPHER (W222)	5	1-4	4-2			12	1	"	"	
" RESERVED ROOM "	5	1-4	4-1			8	1	"	"	
" VAULT. CLOS. STAIRS "	3	3-1				3	2	"	"	
BIOGRAPHY ROOM	10	1-1 2-6	29-1		7	42	3	Box K	"	SEPARATE SW FOR EACH CHAN <sup>o</sup>
" " GALLERY	6		10-1		6	10	1	Box K	"	
DELIVERY ROOM	20	15-4 4-2	6-1	8-1	5	74	4	Box L	Box L	ALTERNATE CHAN <sup>o</sup> ON SW. BRACKET SW. TABLE LTS ON SW.
WORKING DELIVERY SPACE	9	1-4	1-1	5-1	8	18	2	Box L	Box L	
PASSAGE TO BOOK STACK	2	2-1				2		"	"	
TWO GALLERIES	4	4-1				4		"	"	
FICTION ROOM	9	2-6	32-1		7	44	3	Box L	" L	SEP SW. FOR EACH CHAN.
" GALLERY	6		10-1		6	10	1	"	"	
PUBLIC CATALOGUE ROOM	8	1-8 2-6	26-1	10-2	5	66	6	" M	" M	SW FOR EACH CHAN <sup>o</sup> AND SW FOR EACH CASE
MAIN HALL	19	19-3				57	3	"	"	CHAN IN FRONT OF ELEV SEP SW ALT. CHAN ON SWITCH
UNDER MAIN STAIRS	2		2-1			2		"	"	
SERVICE STAIRS	2		2-1			2		"	"	
FREIGHT ELEVATOR & HALL	2		2-1			2		"	"	
GROUND FLOOR.						522.				
CHILDREN'S ROOM	22	1-2 2-3	53-1	17-1	17	96	6	Box N	Box N	SW FOR BRACKETS. SW FOR TABLES. 4 SW FOR CHAN <sup>o</sup>
NEWSPAPER ROOM	22	2-3	18-3	14-2	5	96	7	" O	" O	" " EACH READING STAND.
BINDER	5	4-4	1-2			18	2	LOCAL	Box P	
STOCK ROOM	1	1-2				2	1	"	"	
REPAIR SHOP	4	4-2				8	1	"	"	
DELIVERY STATION ROOM	6	1-4 3-1	1-1			10	2	Box P	"	SW FOR BRACKET OVER DOOR (OUTSIDE)
PASSAGE TO STACK.	2	2-1				2		"	"	
" GALLERY	2	2-1				2		"	"	
PACKING ROOM	2	2-2				4	1	LOCAL	"	
STAFF BICYCLE ROOM	1	1-2				2	1	"	"	
CORRIDOR & OUTSIDE DOOR	6	5-1	1-1			6	2	Box P	"	1 SW FOR BRACKET OVER DOOR (OUTSIDE)
TWO STORE ROOMS	3	1-1	1-1			4	2	LOCAL	"	
PUBLIC TOILET. WOMEN	4	2-1		1-2		5	4	LOCAL	Box Q	3 DOOR SWITCHES FOR W.C ROOM SW TO BE KEY
ATTENDANTS "	4	1-1	1-1	1-2		5	4	"	"	3 " " " " " " " "
PUBLIC " MEN	4	1-1	1-1	2-2		6	5	"	"	4 " " " " " " " "
ATTENDANTS "	4	2-1	1-1	1-2		5	3	"	"	2 " " " " " " " "
JANITORS ROOM.	2	1-4	1-1			5	1	"	"	
PUBLIC BICYCLE CHECK ROOM	4	4-1				4	1	"	"	
SIDE ENTRANCE	5	1-3 1-6	1-1	2-3		12	3	Box Q	"	
MAIN VESTIBULE OUTSIDE	6	1-3 2-4	2-4			23	4	" Q	"	
MAIN HALL	24	20-3 1-2				62	4	LOCAL Box Q	"	ALTERNATE CHAN ON SW. CHAN IN FRONT OF ELEVATORS HAS SEP-SW.
BASEMENT.						377.				
ENGINE AND BOILER ROOM	28	28	2			28	2	LOCAL	LOCAL	
BLOWER AND ELEVATOR MACH. ROOM	7	7	1			7		"	"	
GENERAL LIGHTING.	32	32	1			38	2	"	"	3 WAY SWITCHES.
BOOK STACK.						63.				
SIX FLOOR LIGHTS ON CASES.	300		300			300	150	LOCAL	BASMENT	SEE SPECIFICATIONS.
SIX FLOOR AISLES.	142	108-1	4-5			142	19	LOCAL	LOCAL	SW FOR OUTSIDE LTS ON LOCAL BOARD IN BASEMENT
LOFT						412.				
ENGINEER'S WALK.	3	3-1				3	1	LOCAL	Box D	
MOTORS.										
FAN MOTORS BASEMENT	1-3 HP						1	LOCAL	BASMENT	SEE SPECIFICATION for ALL MOTORS IN BASEMENT.
" " VENT BOOK STACK	1-5 HP						1	"	"	
" " LOFT	1-5 HP						1	SEE PLAN	Box D	SEE SPECIFICATIONS
BOOK LIFTS.	6-1 HP 4-1 HP						10	LOCAL	BASMENT	
ELEVATOR MOTOR	1-15 HP						1	"	MAIN BOARD	





BASEMENT PLAN

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MARCH 15, 1898.

RANKIN & KELLOGG ARCHT.

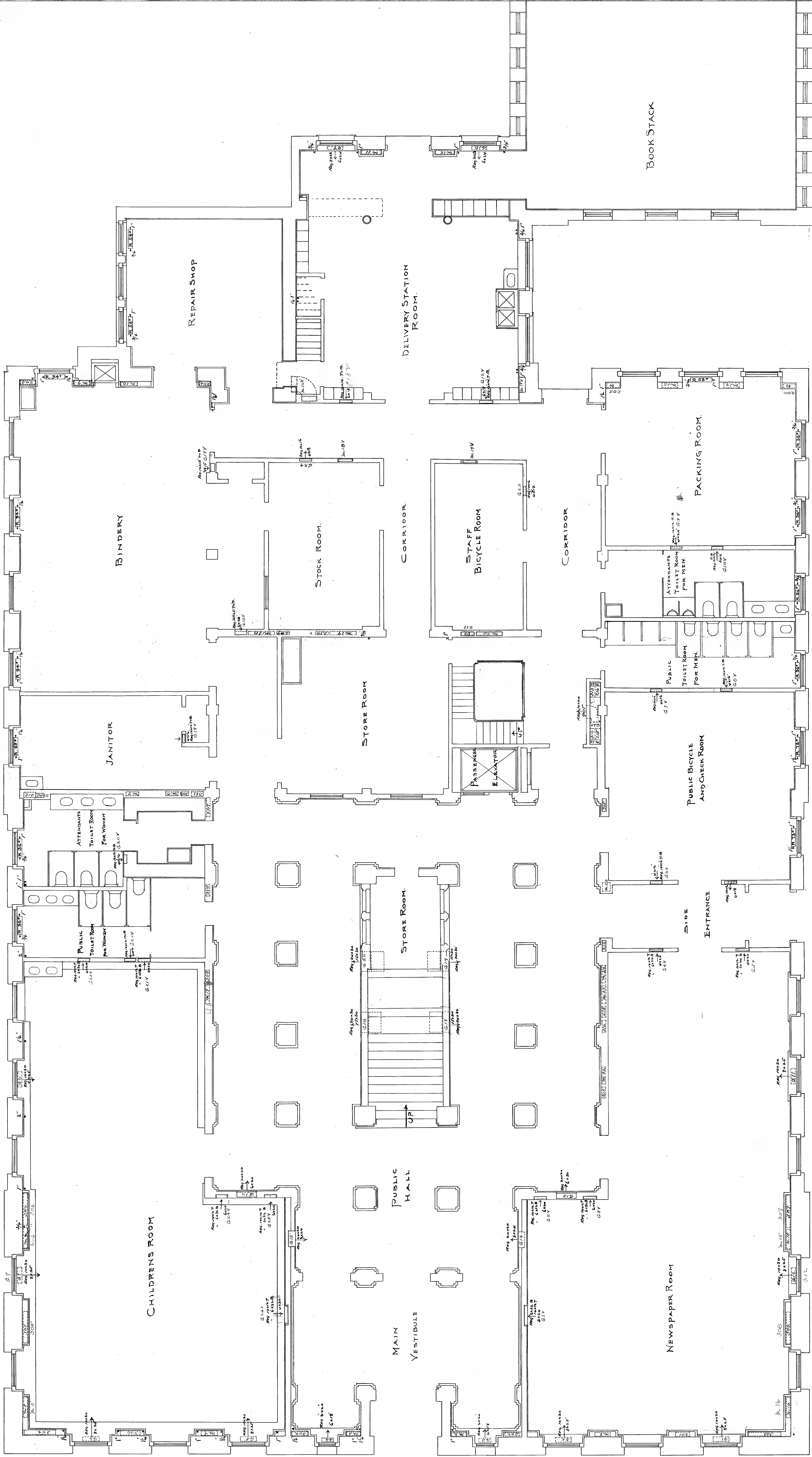
1084 WALNUT STREET

240-60









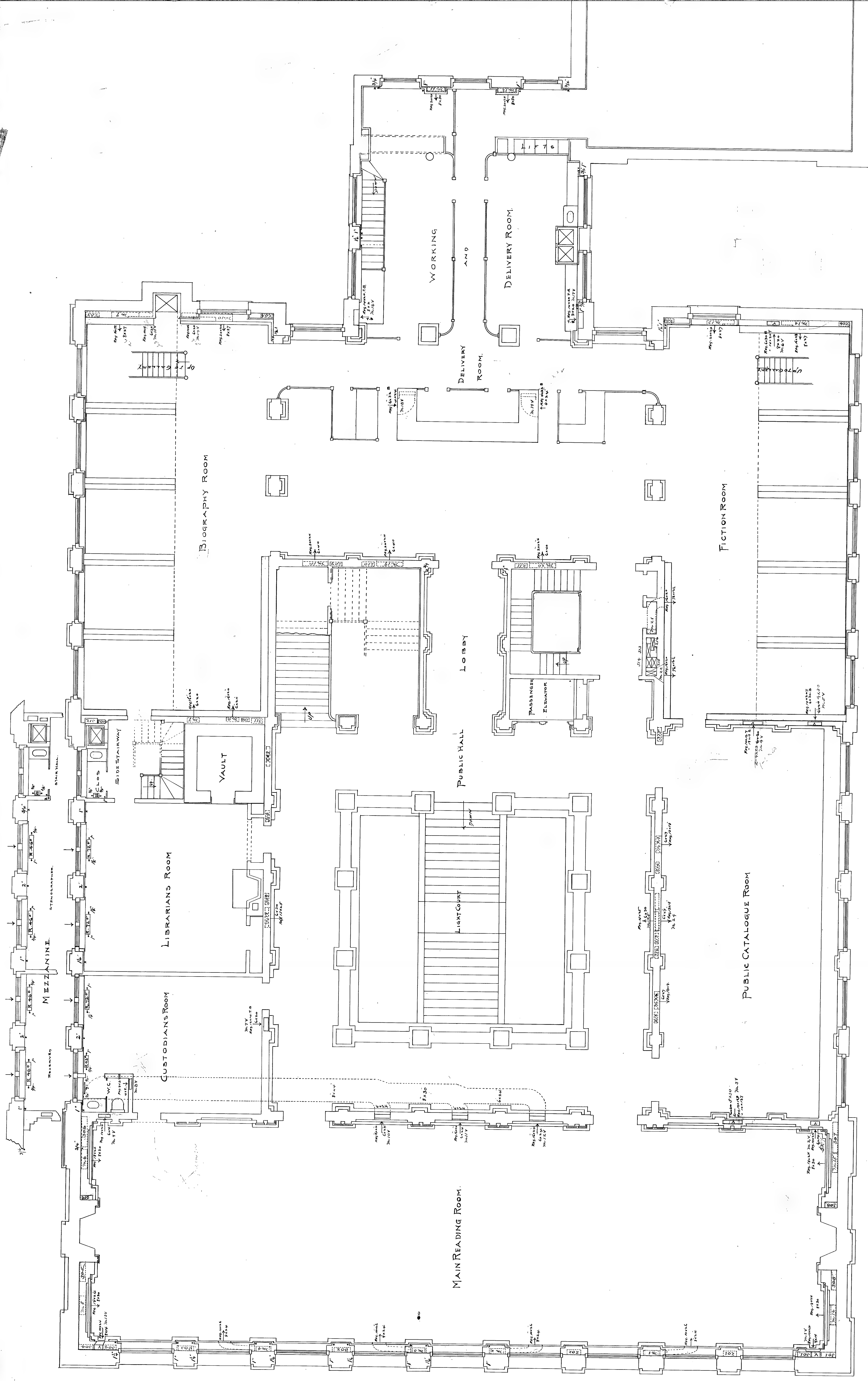
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RANKIN & KELLOGG ARCHTS  
1024 WALNUT STREET  
PHILADELPHIA, PA.  
240-62  
MARCH 15-1896

GROUND FLOOR PLAN.

SCALE 1/4" = ONE FOOT





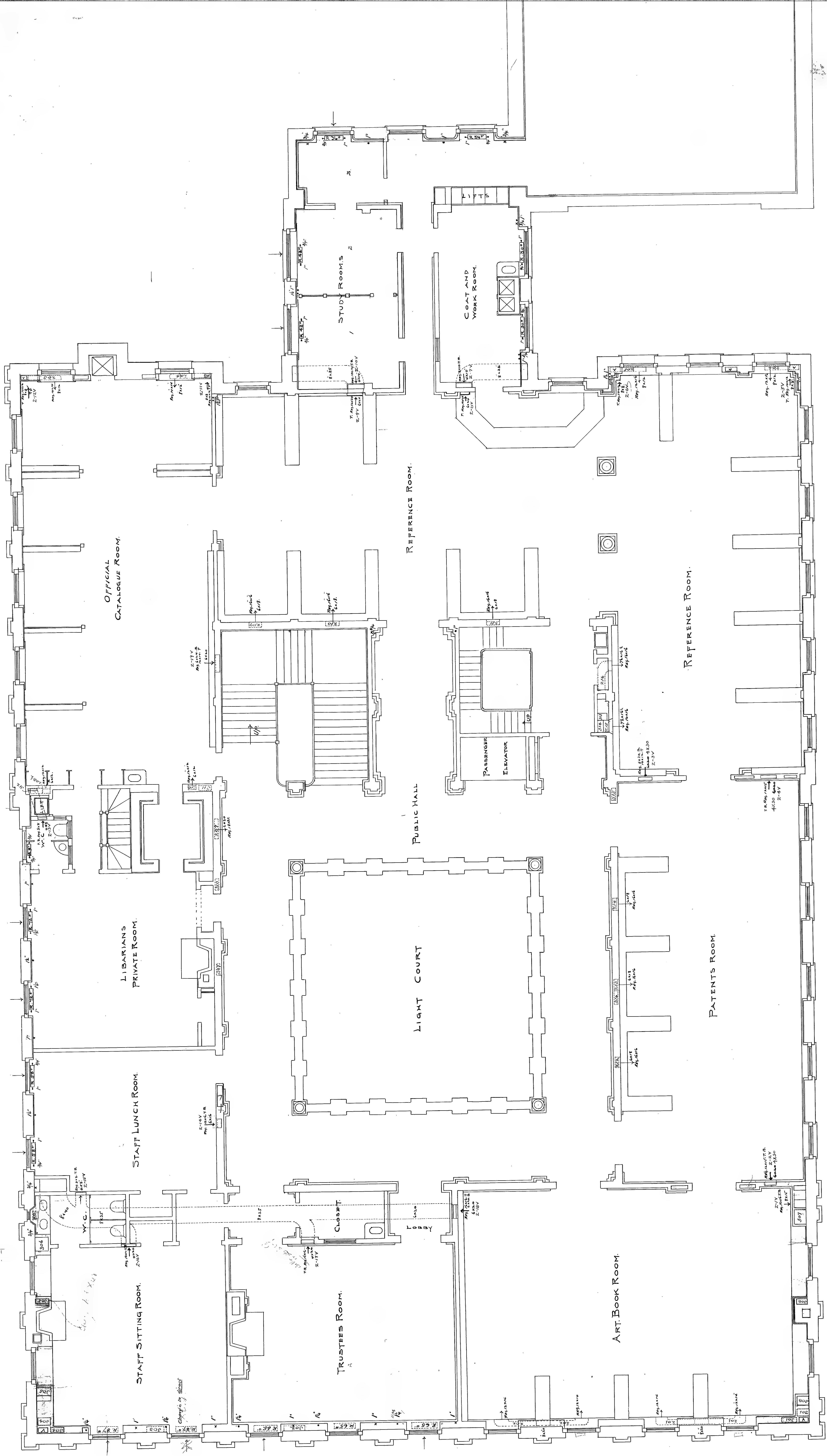
MAIN FLOOR PLAN

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SCALE 1/4" = ONE FOOT

RANKIN & KELLOGG, ARCH<sup>TS</sup>  
1024 WALNUT STREET  
PHILADELPHIA, PA.  
240-63  
MARCH 15 - 1898.





SECOND FLOOR PLAN

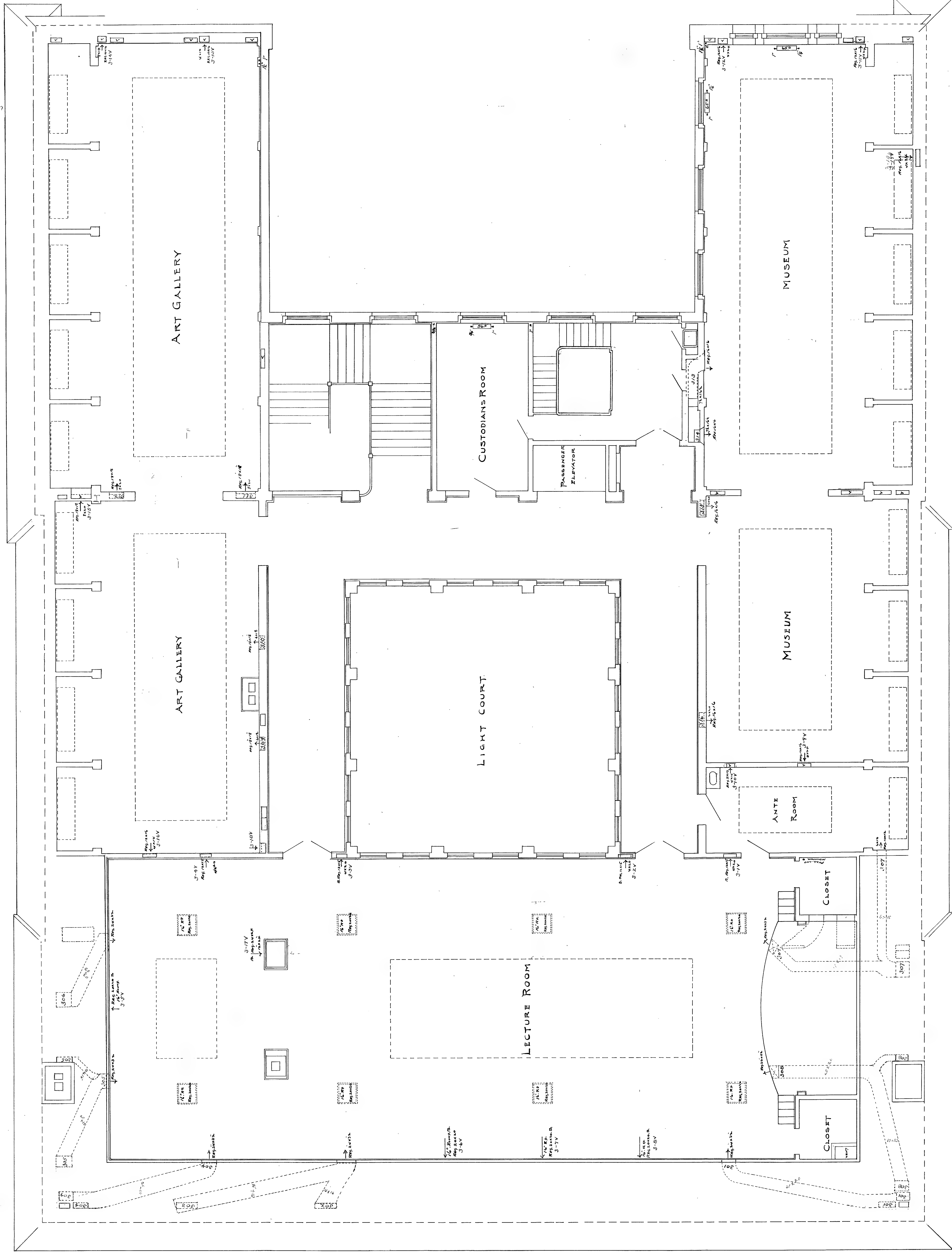
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RANKIN & KELLOGG ARCH<sup>TS</sup>  
1024 WALNUT STREET  
PHILADELPHIA, PA.  
MARCH 15, 1898.

240-64

Scale 1/4" = 1' 0"





# THIRD FLOOR PLAN

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RANKIN & KELLOGG, ARCHTS  
1024 WALNUT STREET  
PHILADELPHIA, PA.

MARCH 15-1898

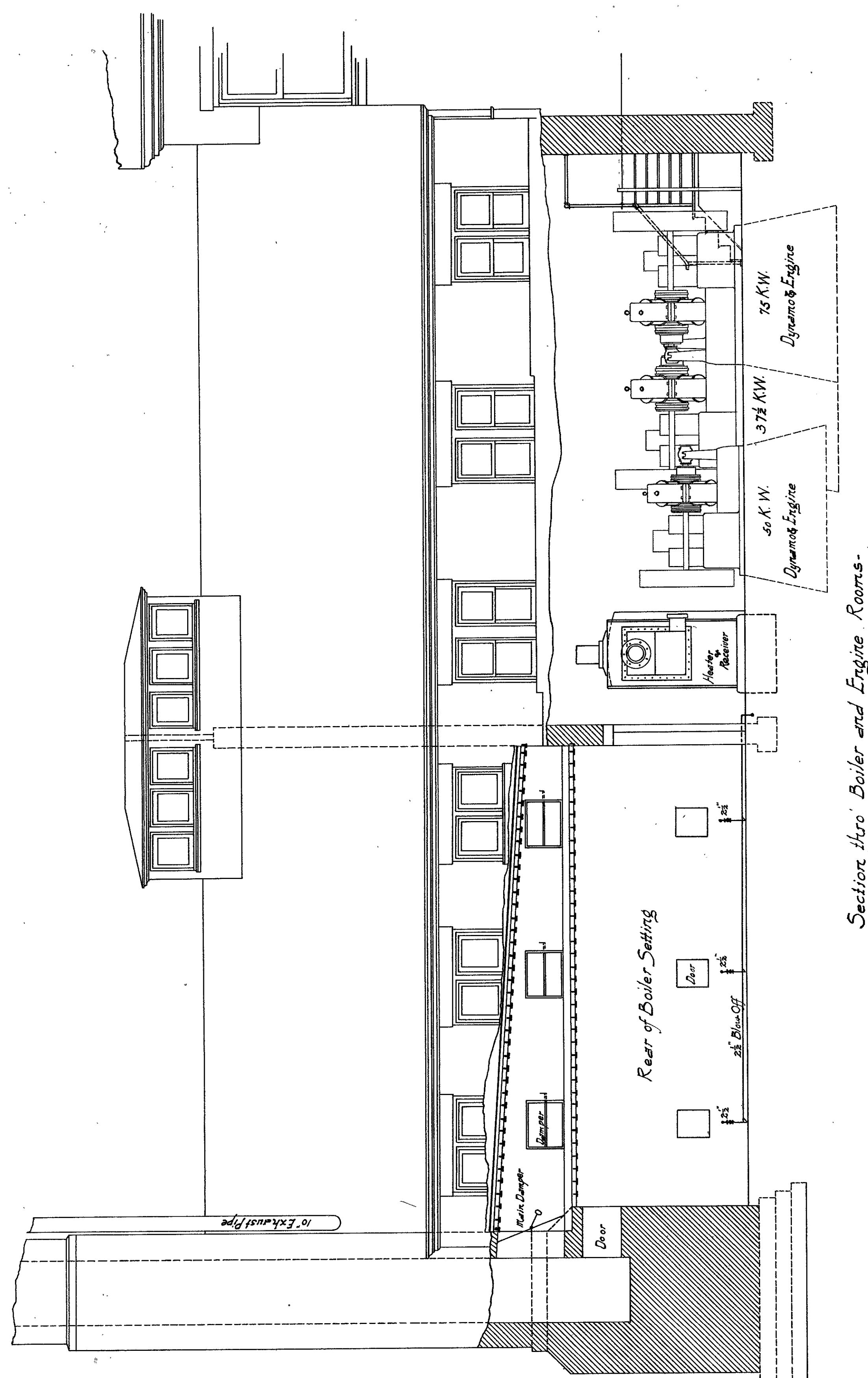
SCALE 1/8" = ONE FOOT

240-65

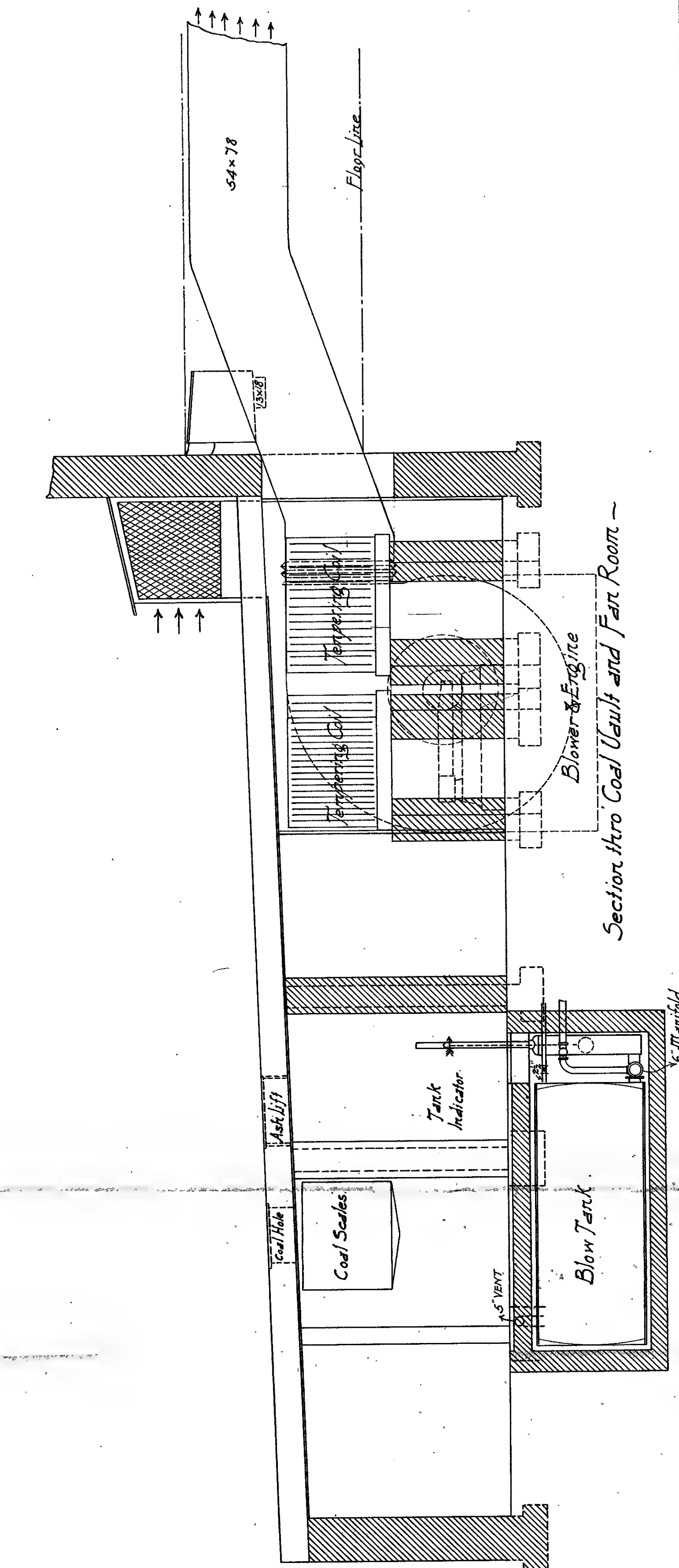




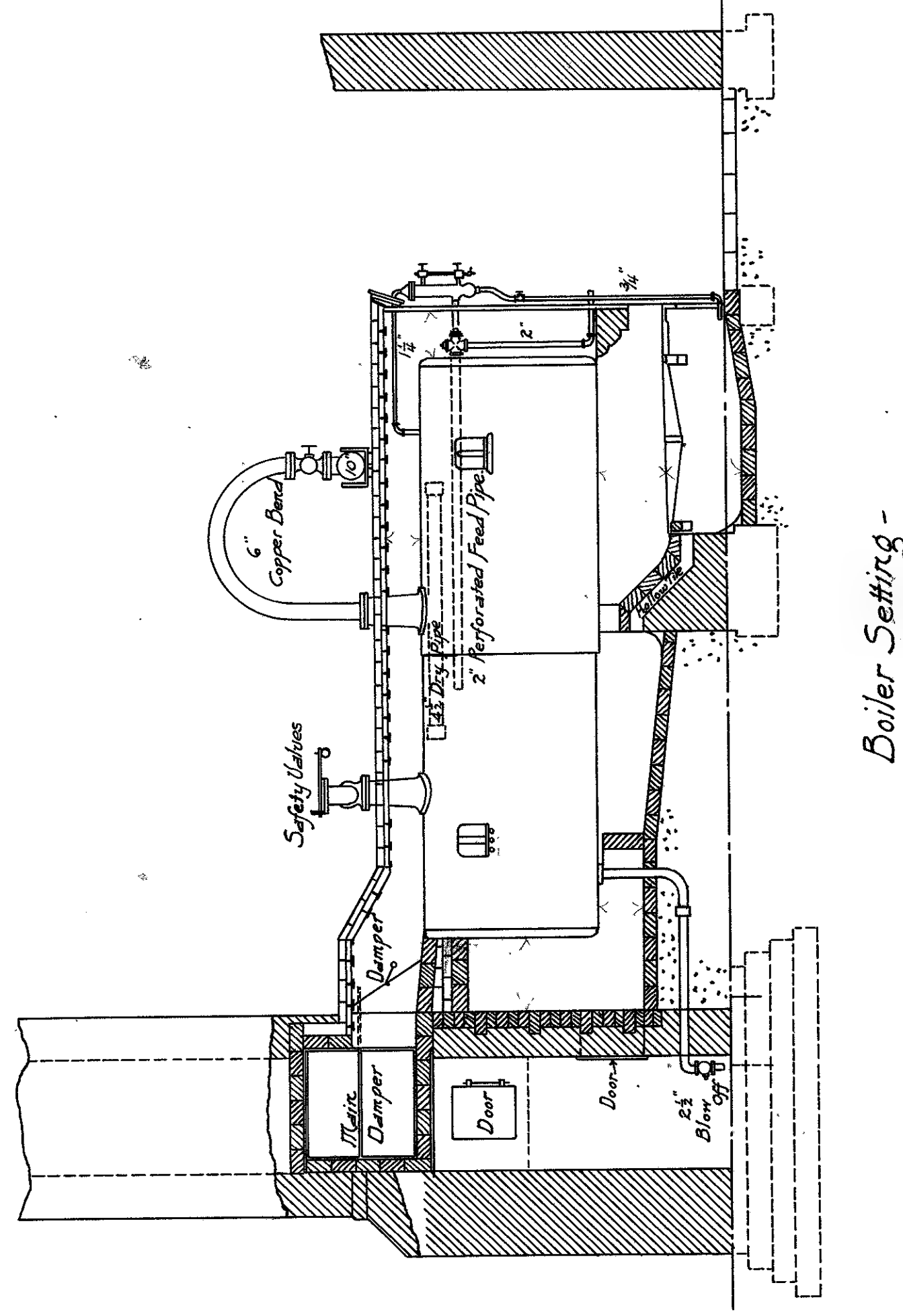




Section thro' Boiler and Engine Rooms-



Section thro' Coal Vault and Fan Room -



Boiler Setting -

G1 8x25

G2 8x25

G3 6x18

G4 6x18

G5 8x25

G6 8x25

G7 8x25

G8 8x25

G9 6x24

G10 6x24

G11 8x25

G12 8x25

G13 6x30

G14 8x24

G15 8x24

G16 6x30

G17 15x30

G18 15x30

G19 15x30

G20 15x30

G21 4x18

G23 4x18

G24 7x18

SCALE 1/4"=ONE FOOT

FREE PUBLIC LIBRARY

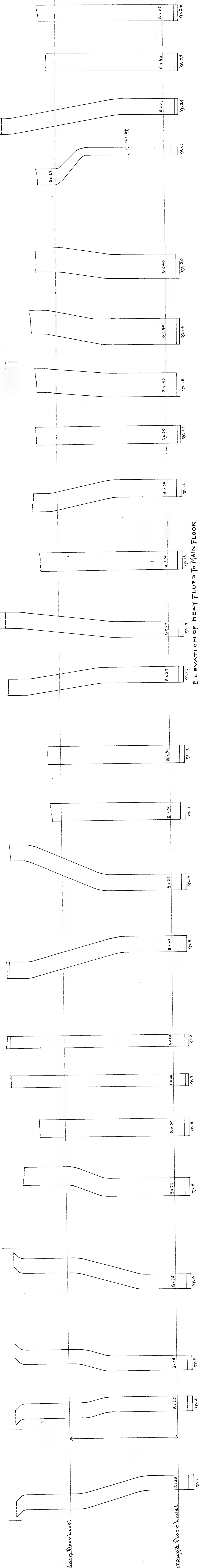
NEWARK, N.J.

240-68

MARCH 15 1898.

RANKIN & KELLOGG, ARCHTS  
1024 WALNUT STREET  
PHILADELPHIA, PA.





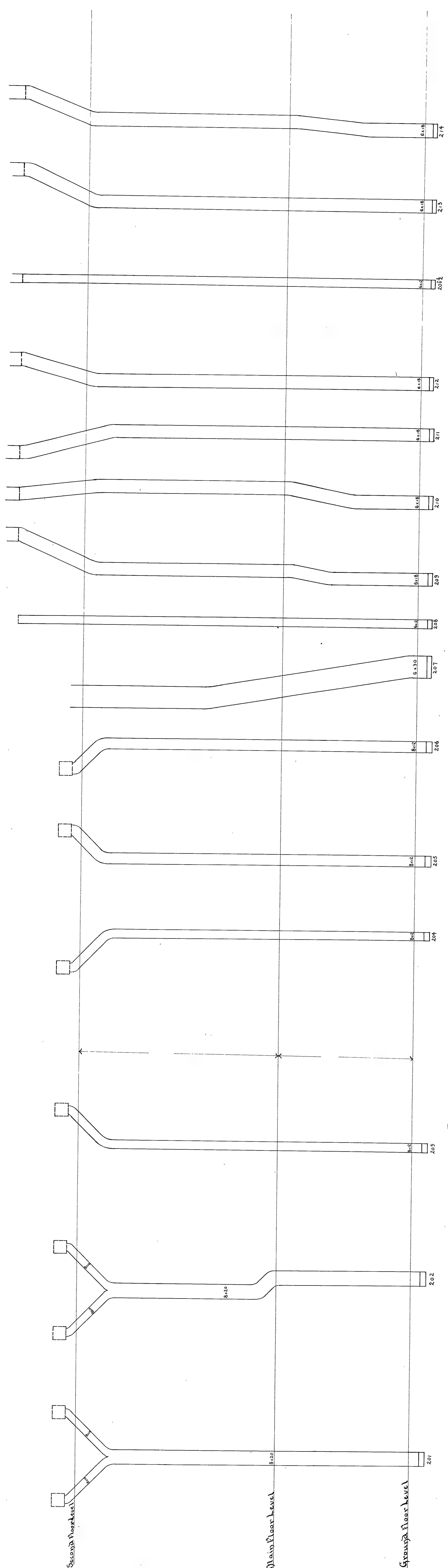
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RANKIN & KELLOGG ARCHT  
1024 WALNUT ST.  
PHILA. PA.

240-69.

MARCH 15-1898.





ELEVATION OF HEAT FLUES TO SECOND FLOOR

Scale 1/4" = ONE FOOT.

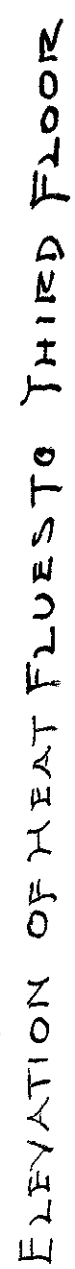
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RANKIN & KELLOGG ARCHT.  
1024 WALNUT ST.  
PHILA. PA.

240-70

MARCH 15<sup>TH</sup> 1898.





RANKIN & KELLOGG ARCHTS  
1024 WALNUT ST  
PHILAD. PA.

247

MARCH 15<sup>TH</sup> 1898

SCALE 1/4" = ONE FOOT.



## SCHEDULE FOR HEATING <sup>AND VENTILATING</sup>. FLUES, REGISTERS & C.

FOR

FOR  
FREE PUBLIC LIBRARY, NEWARK, N.J.

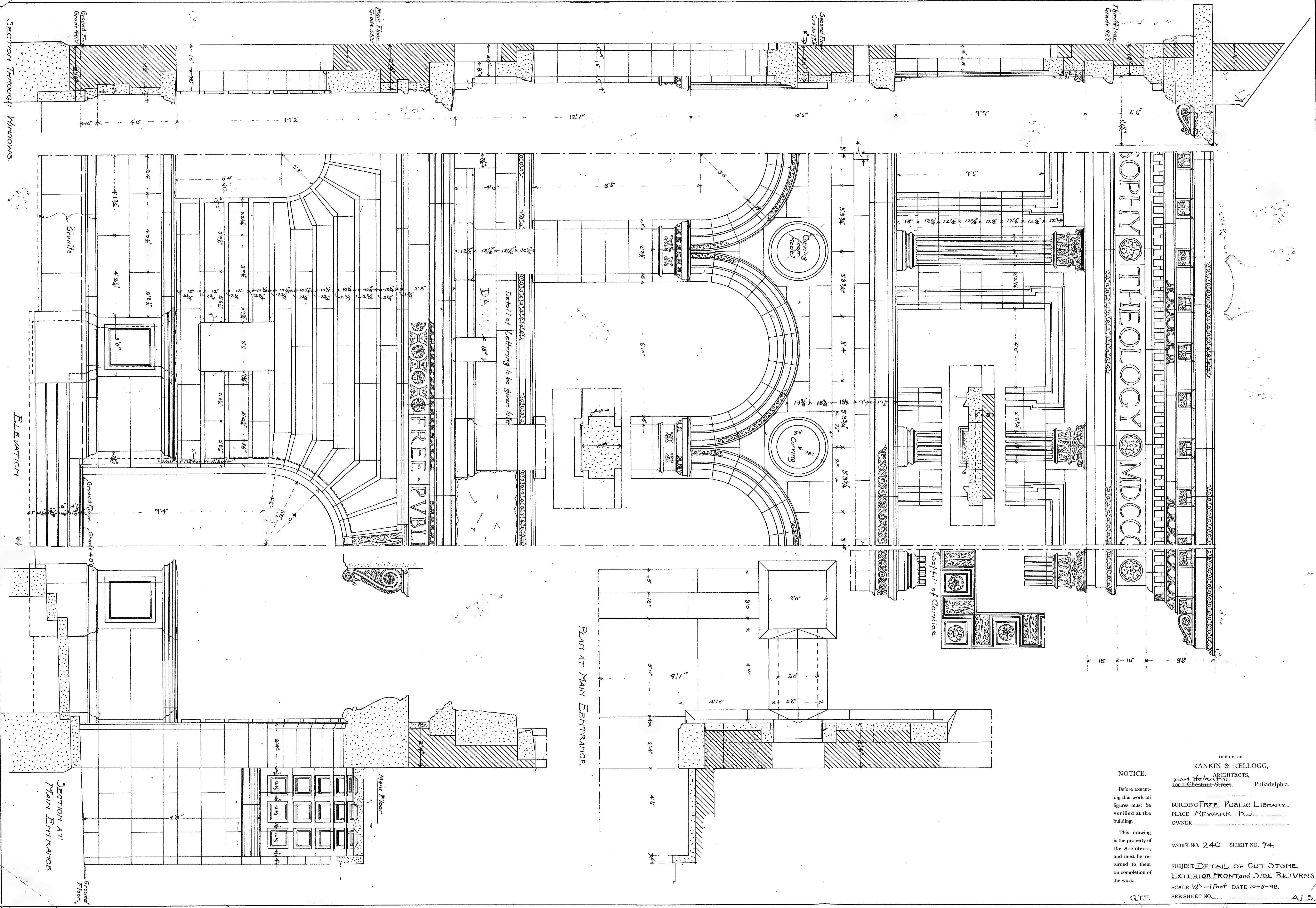
RANKIN & KELLOGG ARCHT:  
1024 WALNUT STREET  
PHILADELPHIA

Room 5.	CUBIC CONTENTS OF ROOM.	APPROX. NO. OF OCCUPANTS.	AIR CHANGE PER HOUR.	VOLUME PER MIN.	FLUE AREA.	No. HEAT FLUE.	SIZE OF HEAT FLUE.	SIZE OF NO. HEAT REQ.	SIZE OF VENT FLUE.	No. VENT REQ.	SIZE OF VENT REQ.	SQUARE FEET EXPOSED WALL.	SQUARE FEET EXPOSED GLASS.	REMARKS.	
GROUND FLOOR.															
CHILDRENS. RM.	22275	100.	6.	2228	802	4.	8" X 25"	4.	10" X 30" IN BULL.	5.	10" X 30"	1022.	238	indirect, controlled by thermometer.	
NEWSPAPER "	22275	100.	6.	2228	802	6.	8" X 25"	4.	10" X 30"	5.	10" X 30"	1022.	238	" " " "	
PUBLIC TOILET. (WOMEN).	23449.	6.	6.						1.	4" X 16"	2.	12" X 12" T.B.	79.	36.	direct.
ATTENDANT'S TOILET.	2525.	6.	6.						1.	4" X 16"	2.	12" X 12" T.B.	113.	36.	direct.
JANITOR'S RM.	7482.								2.	4" X 16"	4.	12" X 12" T.B.	252.	72.	direct.
PUB. BICYCLE & CHECK RM.	2754.	6.	6.						1.	4" X 16"	2.	12" X 12" T.B.	86.	36.	direct.
ATTENDANT'S TOILET.	2754.	6.	6.						1.	4" X 16"	2.	12" X 12" T.B.	86.	36.	direct.
PUBLIC TOILET. (MEN)	6480.								1.	4" X 20"	2.	12" X 12" T.B.	468.	180.	direct.
PACKING. RM.	14351.								2.	12" X 12" T.B.	4.	12" X 12" T.B.	536.	180.	direct.
BINDERY. "	5144.											477.	96.	direct.	
REPAIR "	11907.	4.	4.	794	286	2.	6" X 24"	2.	8" X 25" IN BULL.	2.	6" X 18"	588.	168.	indirect.	
DELIVERY STATION RM.	2363.	4.	4.	187	57	1.	4" X 18"	1.	10" X 16"					indirect.	
SIDE ENTRANCE.	SEE TOTAL.							1.	4" X 15"	1.	14" X 20"	SEE TOTAL.	SEE TOTAL.	indirect.	
FREIGHT ELEV. HALL.	9145.							2.	4" X 18"	2.	10" X 16"	SEE TOTAL.	SEE TOTAL.	indirect.	
CORRIDOR'S	SEE TOTAL.													indirect.	
PUBLIC HALL.															
	115771.														
MAIN FLOOR.															
MAIN READING ROOM.	59367.	6.	6.	5937	1711	4.	8" X 24"	4.	10" X 20" IN BULL.	7.	10" X 20"	2559.	845.	indirect, controlled by thermometer.	
CUSTODIAN & CHECK RM.	4686.	6.	6.					1.	6" X 20"	2.	12" X 16" T.B.	83.	110.	direct - indirect.	
" " LAVATORY.								1.	4" X 8"	2.	8" X 8" T.B.				
LIBRARIAN. PUBLIC RM.	5313.								T. P.			132.	110.	direct - indirect.	
BIOGRAPHY ROOM.	25704.	5.	5.	25742	617	2.	6" X 20"	4.	10" X 20" IN BULL.	2.	6" X 20"	1274.	343.	indirect, controlled by thermometer.	
DELIVERY RM & WORK SP.	47943.	5.	5.	3995	1152	3.	8" X 30"	5.	20" X 24"	4.	20" X 20"	1480.	389.	" " " "	
FICTION ROOM.	25704.	5.	5.	2142	617	2.	8" X 20"	4.	10" X 20" IN BULL.	2.	10" X 20"	1249.	389.	" " " "	
PUBLIC CATALOGUE RM.	24633.	4.	4.	1642	473	3.	6" X 27"	3.	18" X 18"	2.	6" X 30"	796.	275.	indirect.	
SIDE STAIRWAY.	2604.	4.	4.									176.	55.	indirect.	
FREIGHT ELEV. HALL.	SEE TOTAL.											SEE TOTAL.	SEE TOTAL.	indirect.	
PUBLIC HALL.	SEE TOTAL.													indirect.	
	195954.														
MEZZANINE FLOOR.															
RESERVED.	3582.							1.	6" X 18"	2.	12" X 14" T.B.	256.	92.	direct - indirect.	
STENOGRAPHER.	4698.							1.	6" X 18"	2.	12" X 14" T.B.		92.	direct - indirect.	
SECOND FLOOR.															
STAFF SITTING ROOM.	7628.							1.	4" X 20"	2.	12" X 16" T.B.	555.	120.	direct - indirect.	
" " TOILET "	891.							1.	4" X 8"	2.	8" X 8" T.B.	88.	7.	direct.	
" " LUNCH "	5441.							1.	6" X 16"	2.	12" X 16" T.B.	183.	60.	direct - indirect.	
LIBRARIAN'S PRIVATE RM.	6237.								F. P.			257.	60.	direct - indirect.	
" " TOILET "	486.							1.	4" X 8"	2.	8" X 8" T.B.	108.	30.	direct.	
OFFICIAL CATALOGUE RM.	16524.	4.	4.	1102	318	2.	6" X 12"	2.	12" X 12"	3.	12" X 12"	830.	210.	indirect.	
STUDY ROOM.	5016.	4.	4.				1.	4" X 14"	1.	4" X 14"	2.	10" X 12" T.B.	459.	123.	direct - indirect.
COAT "	3085.							1.	4" X 10"	2.	8" X 10" T.B.	221.	50.	direct.	
REFERENCE ROOM.	36167.	4.	4.	2411	695	5.	6" X 18"	7.	10" X 10"	6.	10" X 10"	956.	300.	indirect.	
PATENT'S "	15836.	4.	4.	1056	304	3.	6" X 18"	3.	16" X 16"	2.	6" X 20"	539.	150.	indirect.	
ART BOOK "	16781.	4.	4.	1119	323	2.	8" X 20"	4.	12" X 14"	2.	12" X 16"	933.	180.	indirect.	
TRUSTEE'S "	8606.							1.	4" X 20"	2.	16" X 16" T.B.	302.	90.	direct - indirect.	
LIFT "	1761.											152.	64.	direct.	
FREIGHT ELEV. HALL.	SEE TOTAL.											SEE TOTAL.	SEE TOTAL.	indirect.	
PUBLIC HALL.	SEE TOTAL.													indirect.	
	124459.														
THIRD FLOOR.															
LECTURE ROOM.	39218.			10000	2882	2.	8" X 30"	7.	14" X 32"	17.	14" X 32"	2745	482.	indirect.	
ANTE ROOM.	2048.					1.	6" X 10"	1.	10" X 12"	1.	4" X 10"	161.	69.	direct.	
MUSEUM.	25381.	4.	4.	1692	488	2.	7 1/2" X 10 1/2"	4.	16" X 16"	4.	4" X 24"	1169	998.	indirect.	
CUSTODIAN'S ROOM.	2593.											115	30.	direct.	
ART GALLERY.	28256.	4.	4.	1884	543	2.	6" X 18"	4.	18" X 18"	4.	12" X 16"	770	919.	indirect.	
FREIGHT ELEV. HALL.	SEE TOTAL.											SEE TOTAL.	SEE TOTAL.		
PUBLIC HALL.	SEE TOTAL.														
BOOK STACK. ALL FLOORS.	79233.														
FREIGHT ELEV. HALL. {ALL FLOORS}	14307.	4.	4.	954	275							197	60.	indirect.	
PUBLIC HALL. {ALL FLOORS}	182480.	4.	4.	12165	3506	4.	18" X 30"	4.	18" X 30"	4.	12" X 16"	284	1100.	indirect.	
						2.	6" X 30"	2.	20" X 20"	2.	8" X 10"	124			
						2.	6" X 18"	2.	8" X 20"	2.	8" X 10"				
TOTALS.	818290.														

DATE. MARCH. 15<sup>TH</sup>. 1898.

2402





OFFICE OF  
RANKIN & KELLOGG,  
ARCHITECTS,  
1024 Walnut St.,  
1001 Chestnut Street, Philadelphia.

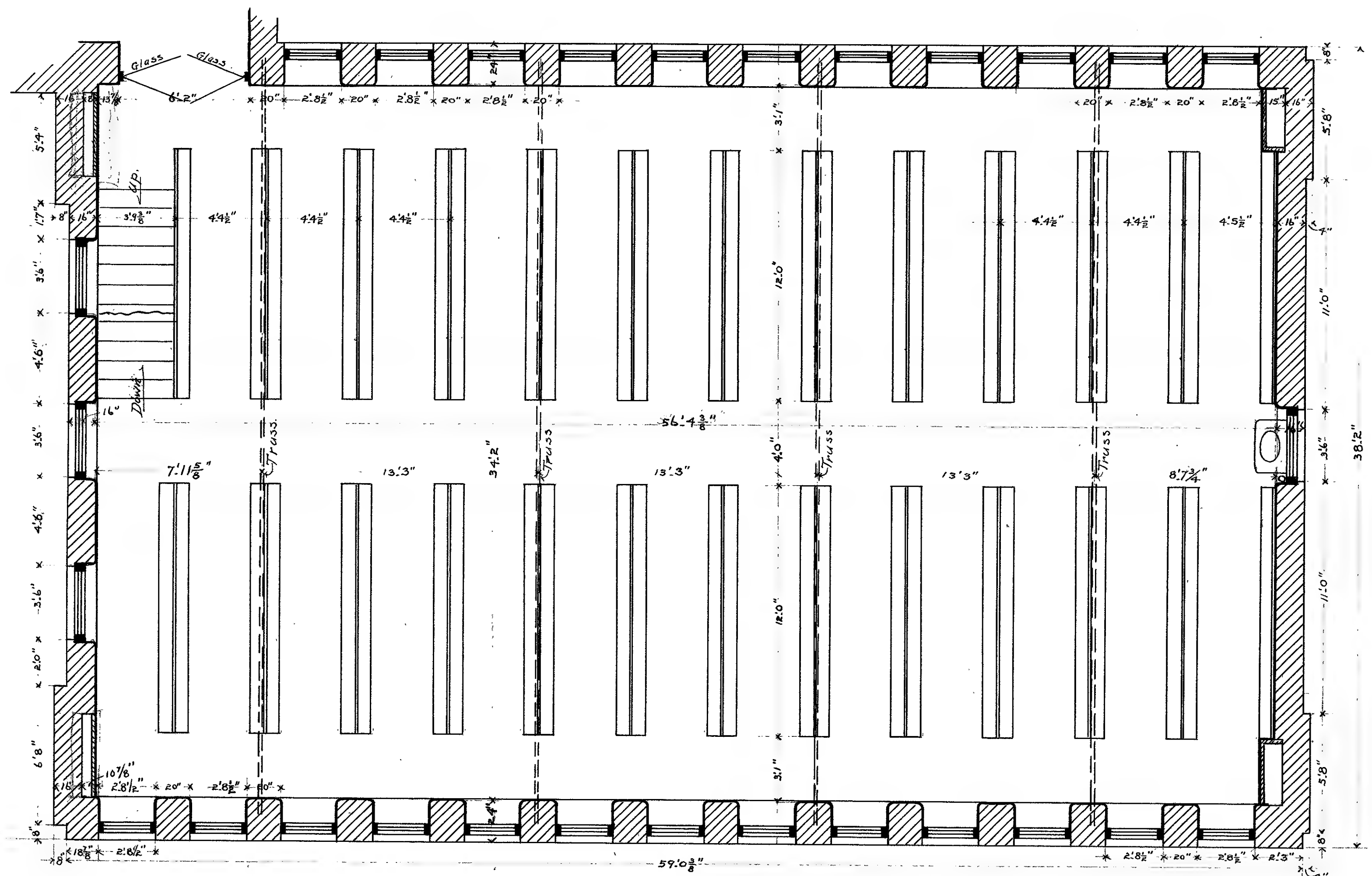
BUILDING FREE PUBLIC LIBRARY,  
PLACE NEWARK, N.J.  
OWNER

WORK NO. 240 SHEET NO. 74.

SUBJECT DETAIL OF CUT STONE  
EXTERIOR FRONT AND SIDE RETURNS.  
SCALE 1/2" = 1 Foot DATE 10-5-98.

SEE SHEET NO. 73. A.L.S.





REVISED PLAN OF STACK BUILDING

RANKIN & KELLOGG, ARCHTS.,  
1024 WALNUT ST., PHILA.

FREE PUBLIC LIBRARY.  
NEWARK, N.J.

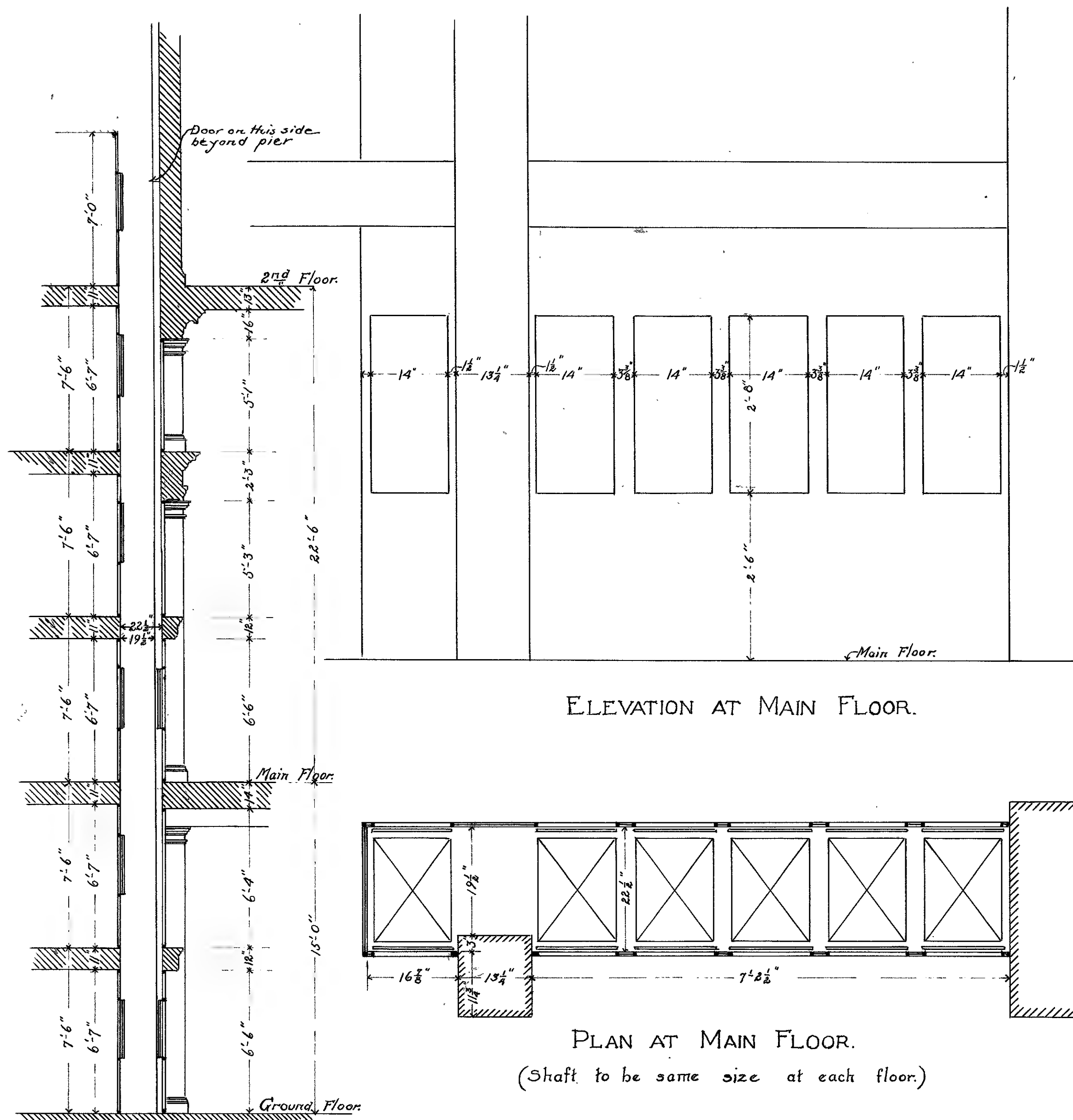
Scale -  $\frac{1}{4}$  IN = 1 FT.

240-110.

G.T.F.

3/3/99





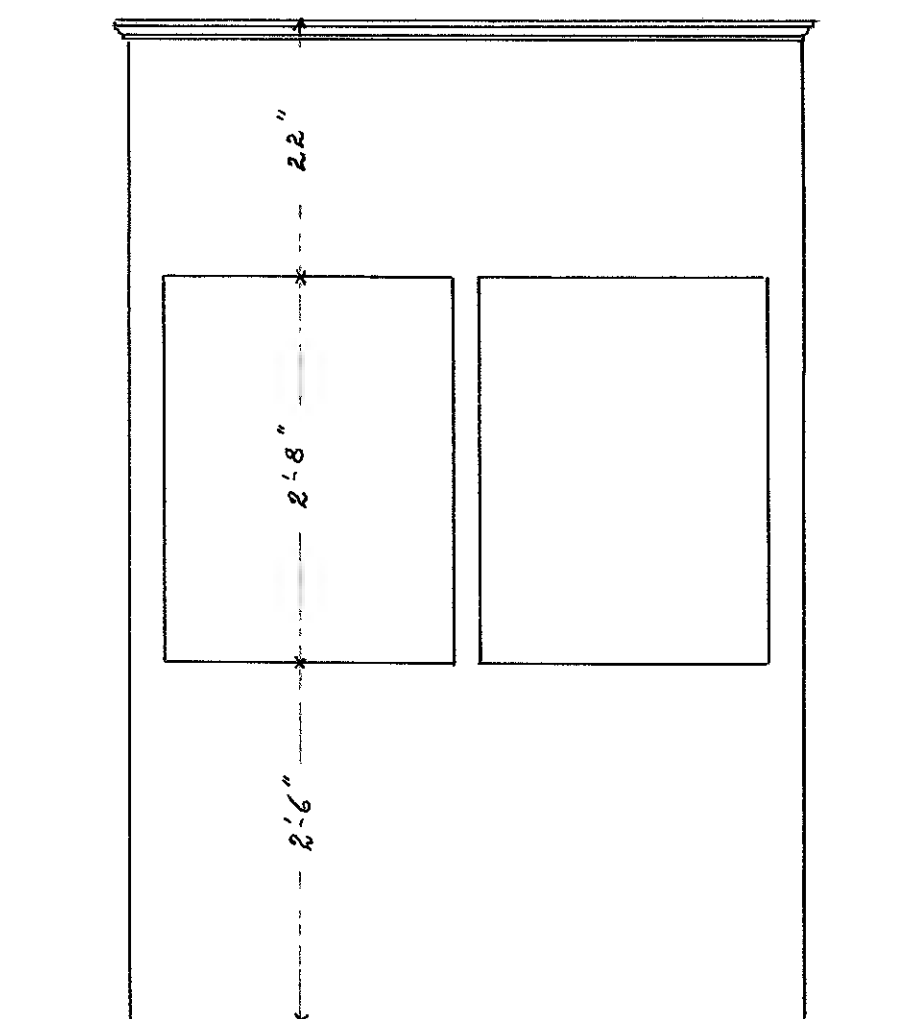
ELEVATION AT MAIN FLOOR.

# BOOK LIFTS IN FREE PUBLIC LIBRARY, NEWARK, N. J.

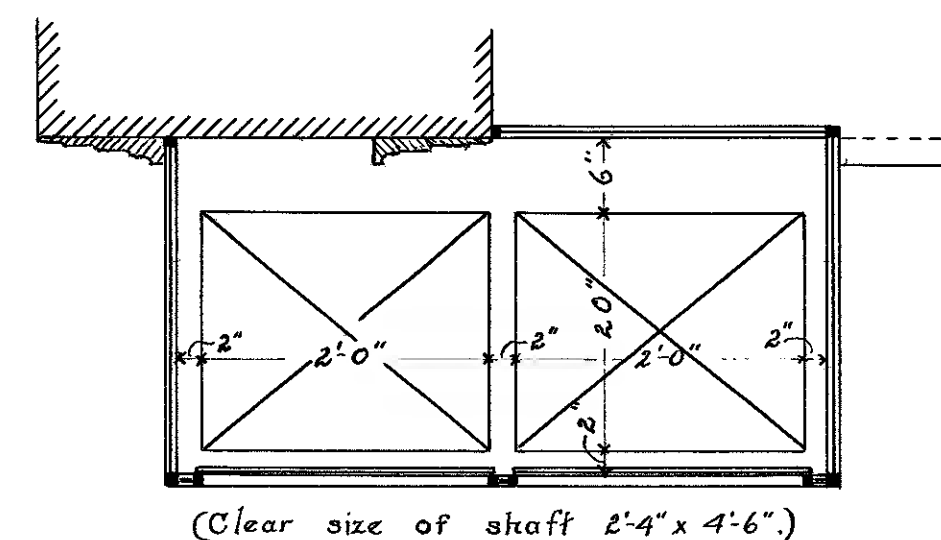
RANKIN & KELLOGG, Archts.  
1024 Walnut St, Phila.

Scales:-  $\frac{1}{4}$  &  $\frac{3}{4}$  inch = 1 Foot.

240-171.



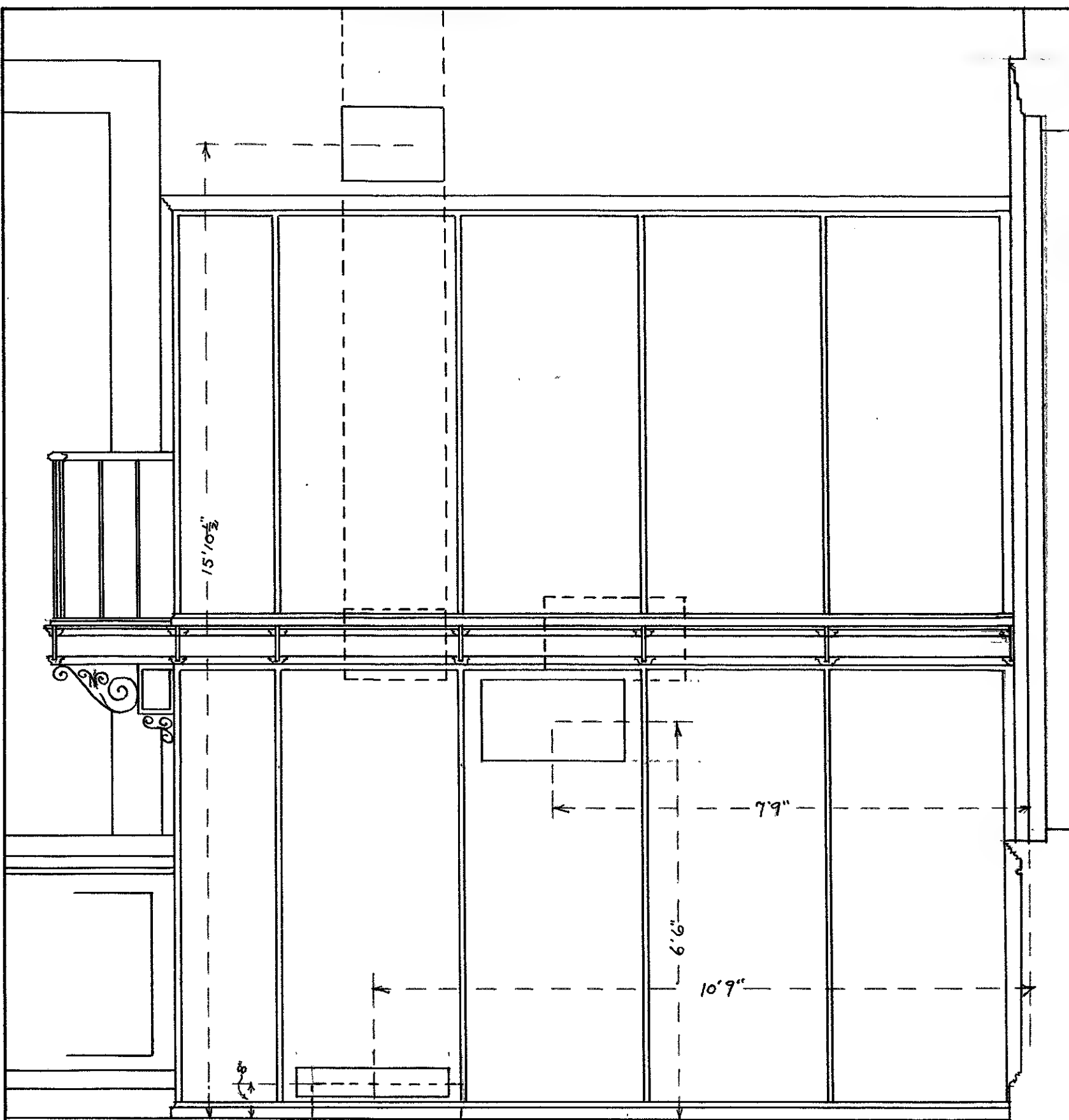
ELEVATION.



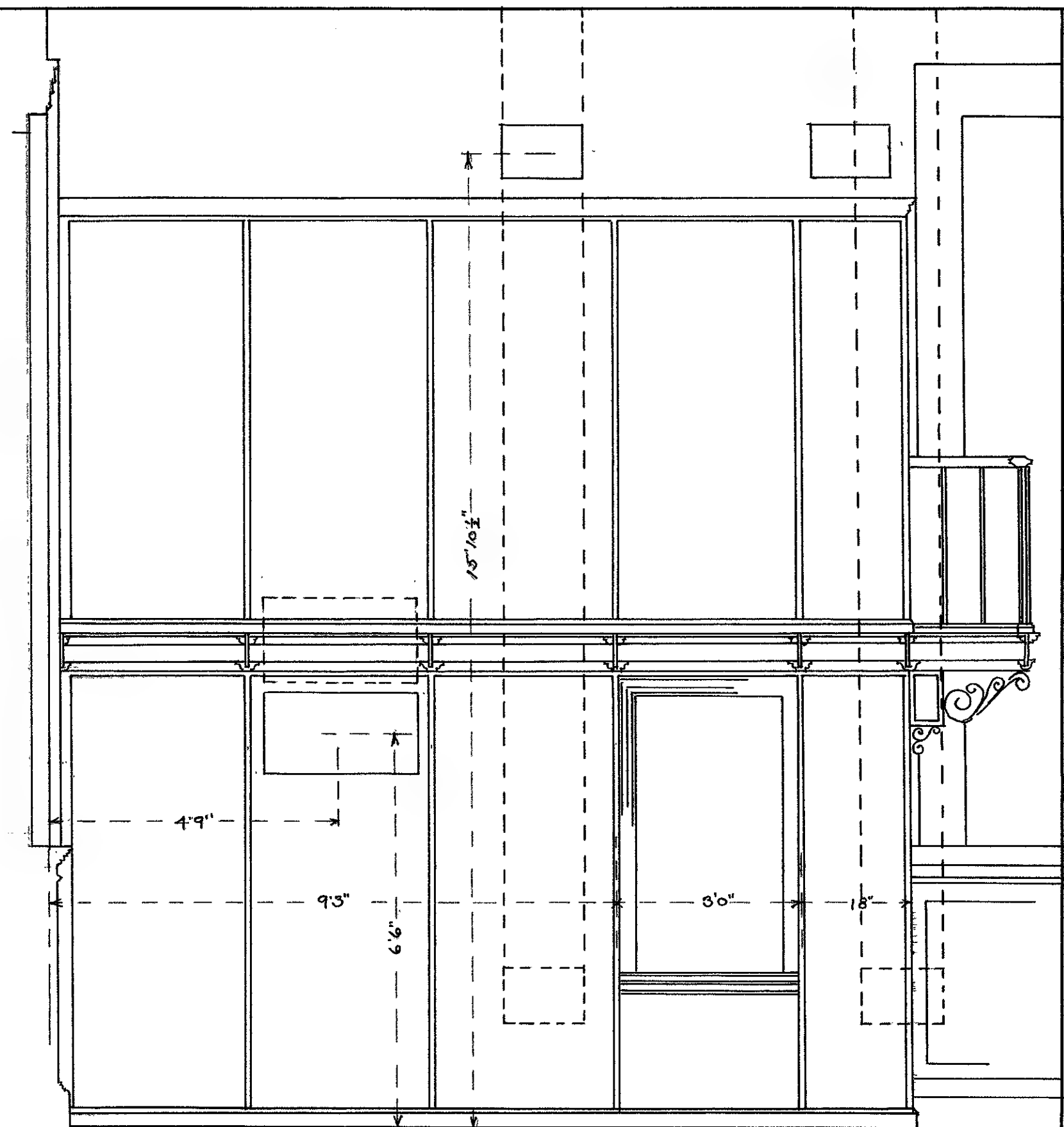
PLAN.

LIFTS FROM DELIVERY ROOM  
TO DELIVERY STATION.





WEST END OF FICTION ROOM



WEST END OF BIOGRAPHY ROOM.

*Note. Figures are from finished plaster  
to centre of Registers.  
Dotted lines show location  
of present openings.*

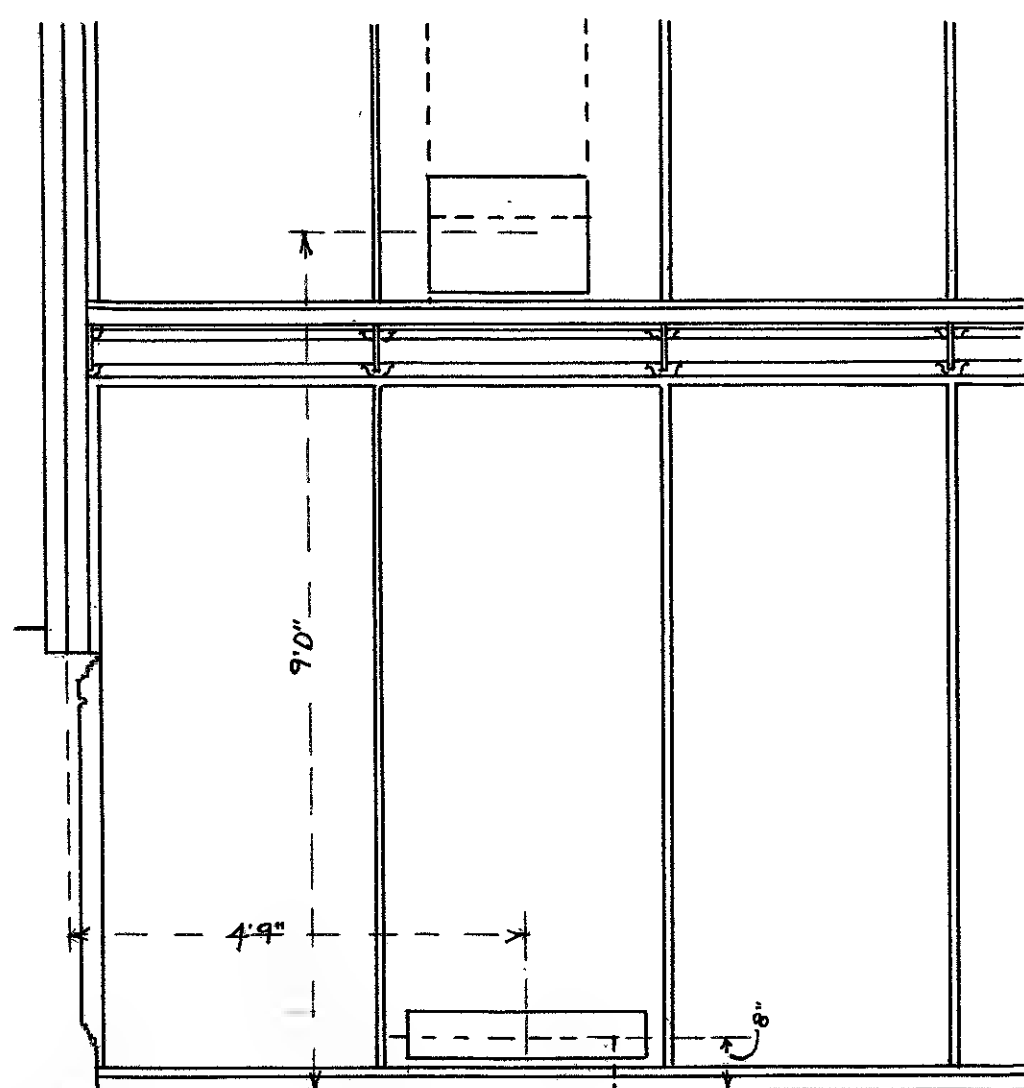
DRAWING SHOWING REVISED LOCATION OF  
CERTAIN REGISTERS IN FICTION & BIOGRAPHY ROOMS.

*Scale 1/2 inch = 1 foot.*

*Rankin & Kellogg, Archts  
1024 Walnut St., Phila.*

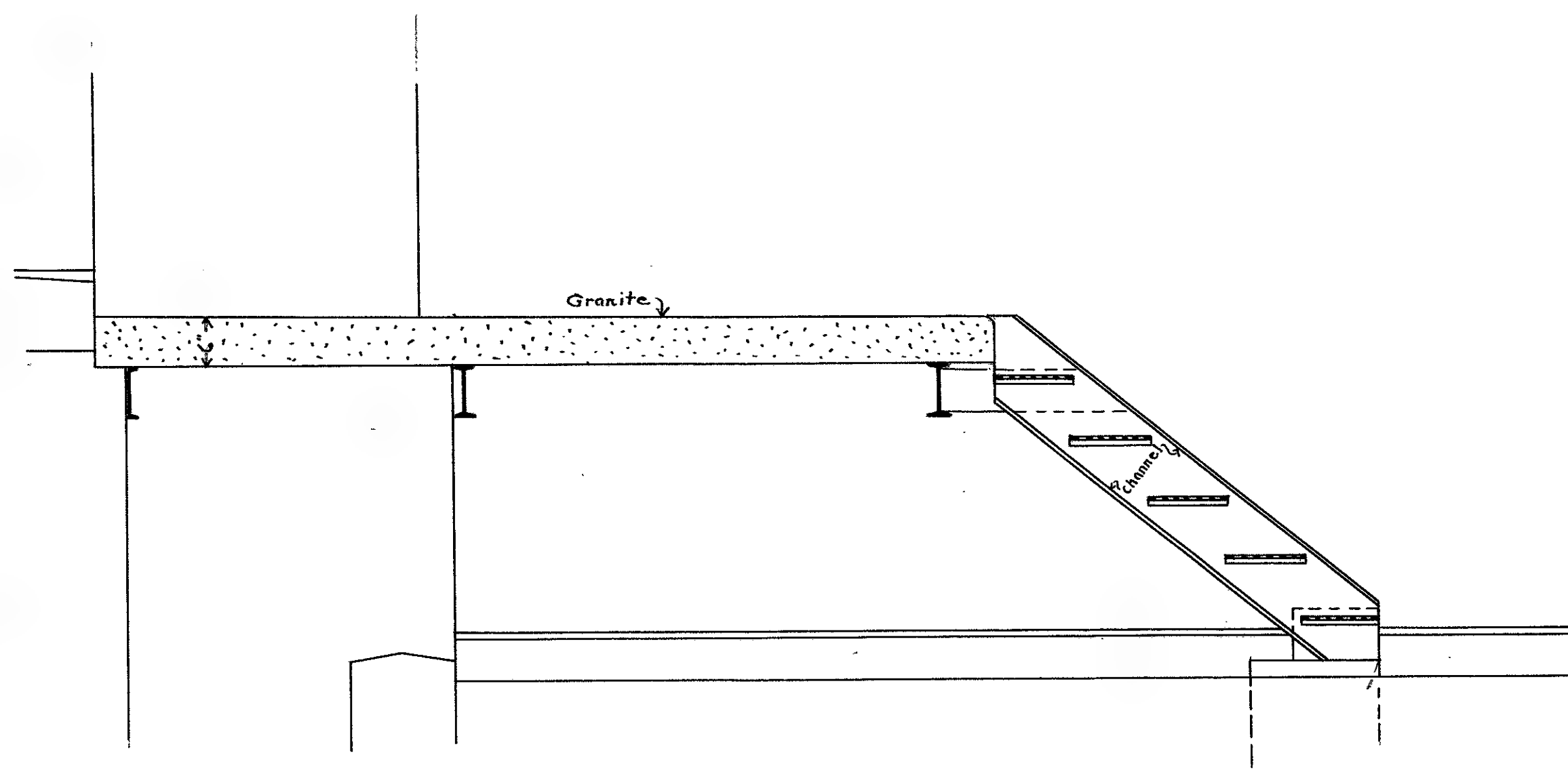
**L40-186.**

*Note. This drawing takes the  
place of No. 250-177*

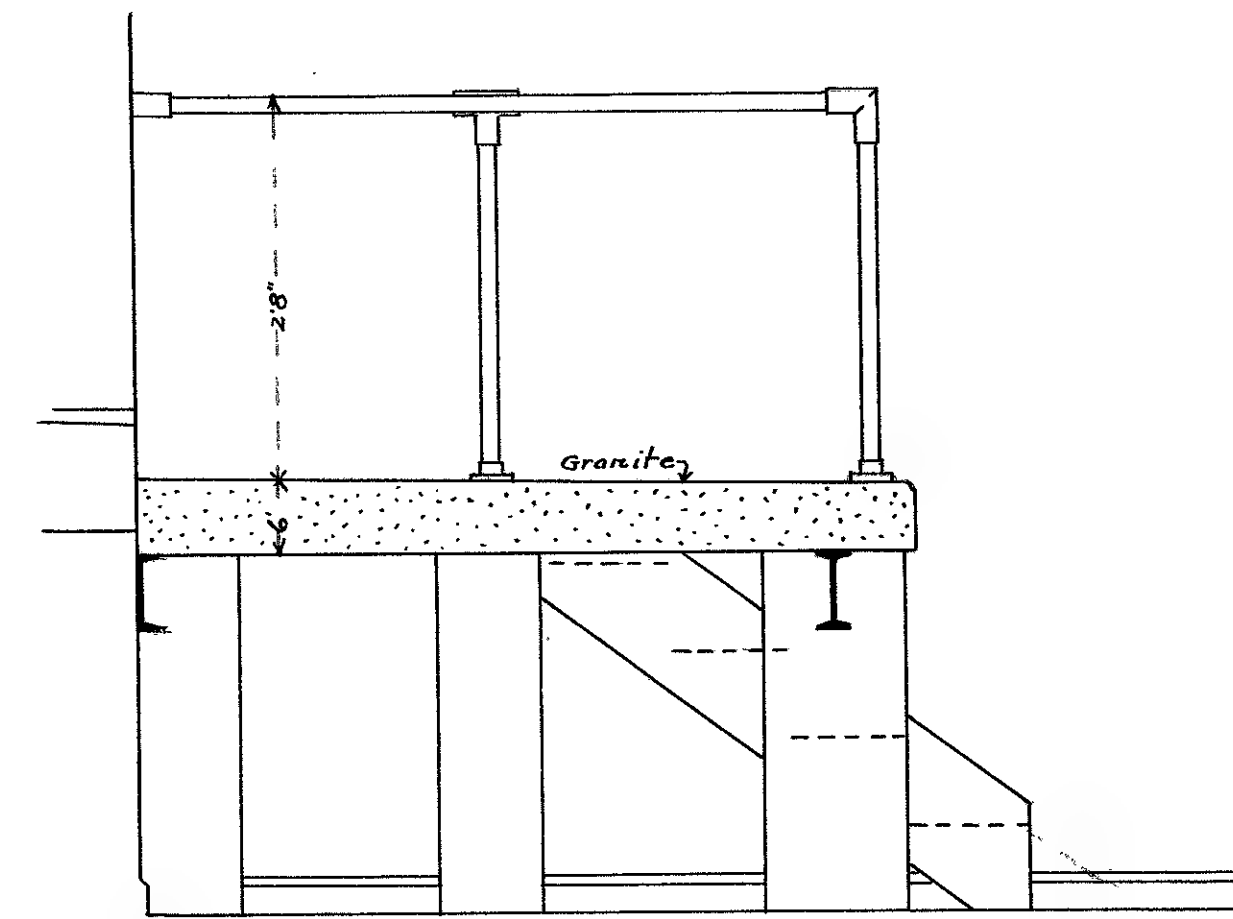


EAST END OF FICTION ROOM

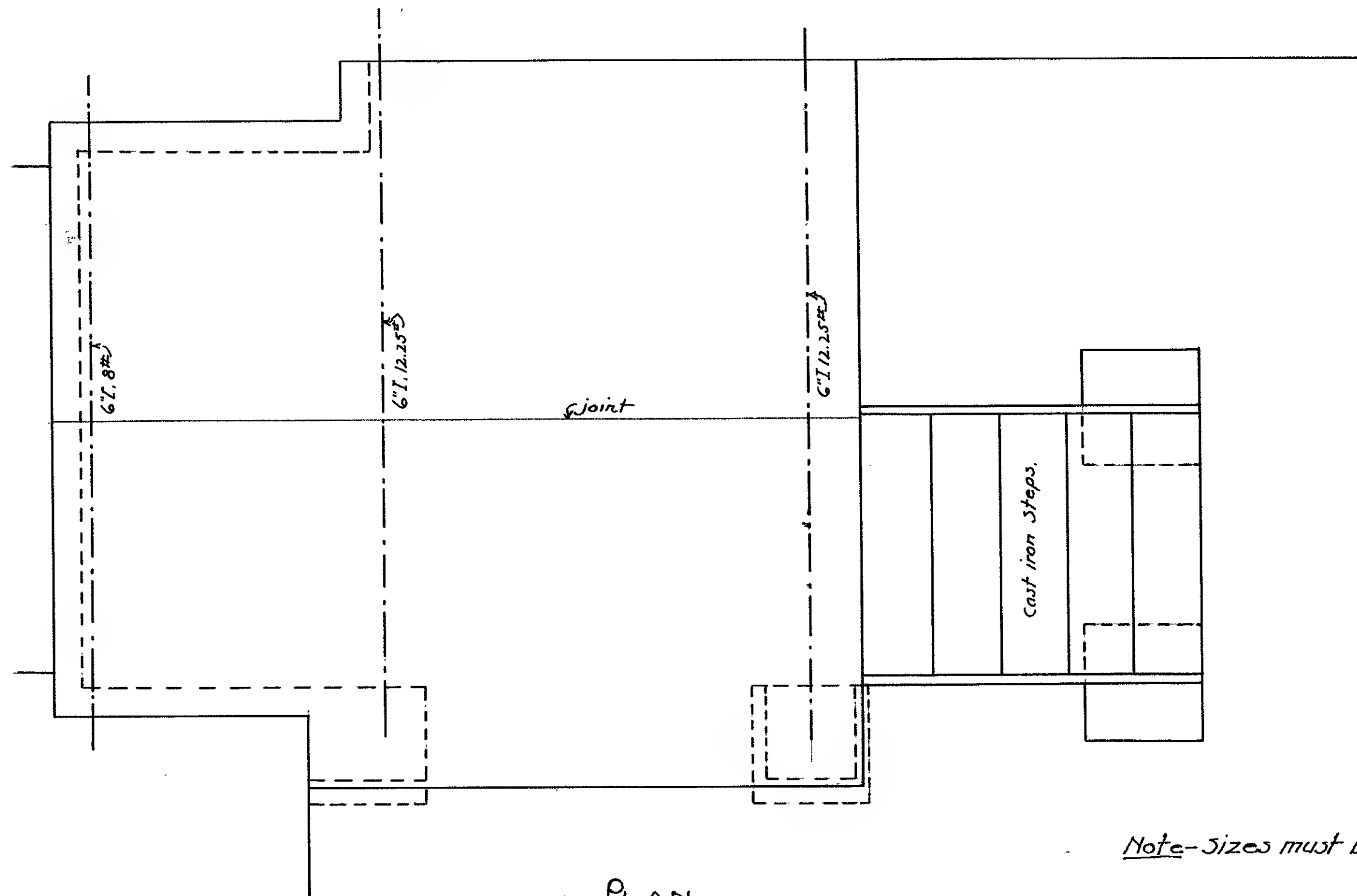




SECTION

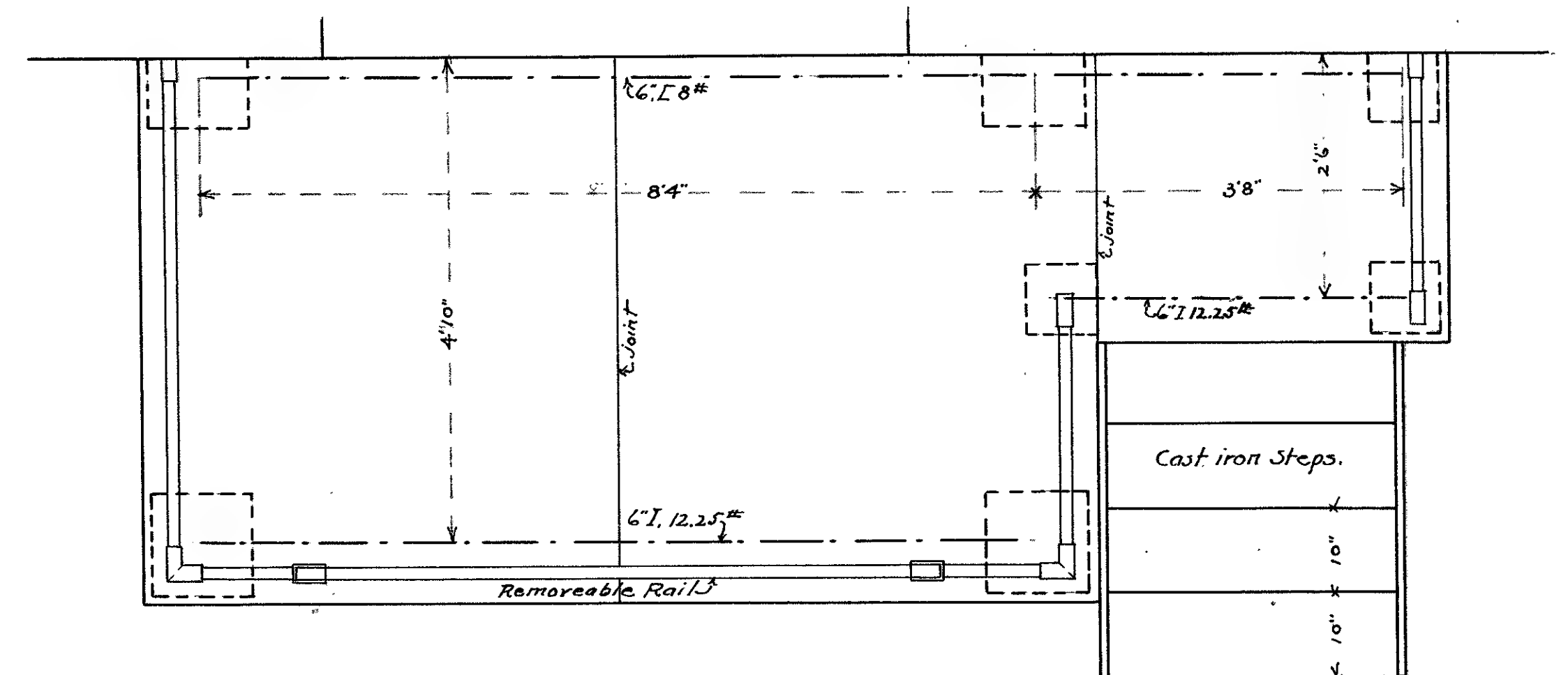


SECTION



PLAN

PLATFORM AT DOOR No. 27.



PLAN

PLATFORM AT DOOR No. 45

DETAIL OF PLATFORM AND STEPS.  
AT DOORS NOS. 27+45.

FREE PUBLIC LIBRARY  
NEWARK N.J.

Scale  $\frac{3}{4}$ " = 1 foot.

Rankin & Kellogg, Architects  
1024 Walnut St., Phila.

240-189  
4/20/1900



## SCHEDULE OF LIGHT FIXTURES

	ELECTRIC										ELECTRIC															
	Chandeliers	Ceiling globes	Wall brackets	Reflector Pendants	Desk & Table Standards	Case lights	Gas brackets				Chandeliers	Ceiling Globes	Wall Brackets	Reflector Pendants	Desk & Table Standards	Case Lights	Gas Brackets				Combination Gas & Electric Brackets					
GROUND FLOOR										SECOND FLOOR																
Children's Rm		1-1 N.C.			14-1	53-1	2-3			Staff Sitting-room	1-8		2-2			1-2	1-2									
Newspaper "		2-8 2-3	11-3		2-1	6-1 14-2	2-3			" " " W.C.		1-1														
Birdery			1-2	4-4			1-1			" " " Entry		1-1														
Stock Room				1-2			1-1			" Luncheon Room	1-3		2-2				1-2									
Repair "				4-2			1-1			Librarian's Private Rm.	1-4		3-2		1-1		1-2									
Delivery Station Rm.			1-1	1-4 3-1			2-1		Electric bracket is over outside door	" Lavatory		1-1														
Passage to Stack										" Stairway		1-1														
Packing Room				2-2			1-1			" Vault	1-1	1												Flexible		
Staff Bicycle Rm.				1-2			1-1			Official Catalogue Room		3-6	1-1		12-1	14-1	2-2									
Corridor & Outer Door		5-1	1-1				3-1		Electric bracket is over outside door	Reference Rm Central					8-1	28-1	3-3									
Store Room			1-1	1-2			1-1			" " Side		5-4			7-1	27-1	1-3									
" " under stairs				1-1						Study Rooms		1-3		1-1	2-1		2-1									
Public Toilet (Women)		2-1	2-1				1-1			Hall to Stack		3-1					1-1									
Attendants "		1-1	3-1				1-1			Cart & Work Room			1-1	2-2			1-1									
Public Toilet (Men)		1-1	3-1				1-1			Tickets Room		3-6			4-1	16-1	2-3									
Attendants "		2-1	2-1				1-1			Art Book "		4-5	7-2		3-1 3-4	15-1	2-3									
Director's Room			1-1	1-4			1-1			'Trustees' "	1-8	4-2		1-1		1-3								Desk light from chandelier		
Public Bicycle & Check Rm.				4-1			1-1			" " Lobbies		2-1														
Side Entrance Hall		1-3								" " Closet		1-1					1-1									
" " Vestibule		1-2								Main Hall		18-3					7-3									
" " Outside Wall			1-1 2-3							" Stairs			1-2					1-2 <sup>E</sup>								
Hall to Birdery		1-2								Service Hall		1-3														
Service Stairs		1-3					1-1			" Stairs			1-1						1-1 <sup>E</sup>							
Main Hall		19-3					6-3																			
" Vestibule		1-6																								
" " Archway	1-3								Lobby etc.																	
" Entrance Outside			2-3																							
MAIN FLOOR										THIRD FLOOR																
Custodian's Room	1-5						1-1			Lecture Rm Platform			4-2													
" Lavatory		1-1								" " Dressing Rm				2-1												
Librarian's Room	1-5		2-2		1-1		1-2			Lecture Room								4-3								
" Stairway		1-1								Arte "		1-2 1-1						1-1								
" Lavatory		1-1								Museum (Front)								1-3								
" Vault	1-1								Flexible One lamp in receptacle in front of lift	" (Rear)								1-3								
Fiction Room		2-6				32-1	1-3			Art Gallery (Front)								1-3								
" " Gallery						24-1				" " (Rear)								1-3								
Delivery Room	15-4				9-1		2-3			Main Hall		11-3						4-2								
" Working Space	1-4 4-2	1-1			5-1		2-3			" Stairs			1-2						1-2 <sup>E</sup> 1-2 <sup>G</sup>							
Under Stack Galleries	15-1	Two outlets on each floor							Brackets on ceiling	Service Hall		1-3														
Biography Room		2-6				32-1	1-3			" Stairs			2-1					1-1								
" " Gallery						24-1				Custodian's Room			1-2	1-4				1-1								
Public Catalogue Rm	1-8 2-6					10-2 11-1	2-3			Passenger Elevator	1-2															
Main Hall	18-3						9-3																			
Closet under stairs			1-1																							
Service Hall		1-3																								
" Stairs			2-1				1-1																			
Hall under stairs			1-1																							
Reading Room					1-3 42-1					MEZZANINE																
										Stereographers' Room	1-4		4-2					1-1								
										Reserve "	1-4		4-1					1-1								
										Vault		1-1														
										Stairway		1-1														
										Lavatory		1-1														
BASEMENT & BOILER HOUSE																										
BOOK STACK.																										

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NEWARK, N.J.

NOTE - LOCATION OF ALL OUTLETS MUST BE VERIFIED AT BUILDING

7/18/1900

**240-203**



### SCHEDULE OF LIGHT FIXTURES.

[illegible]

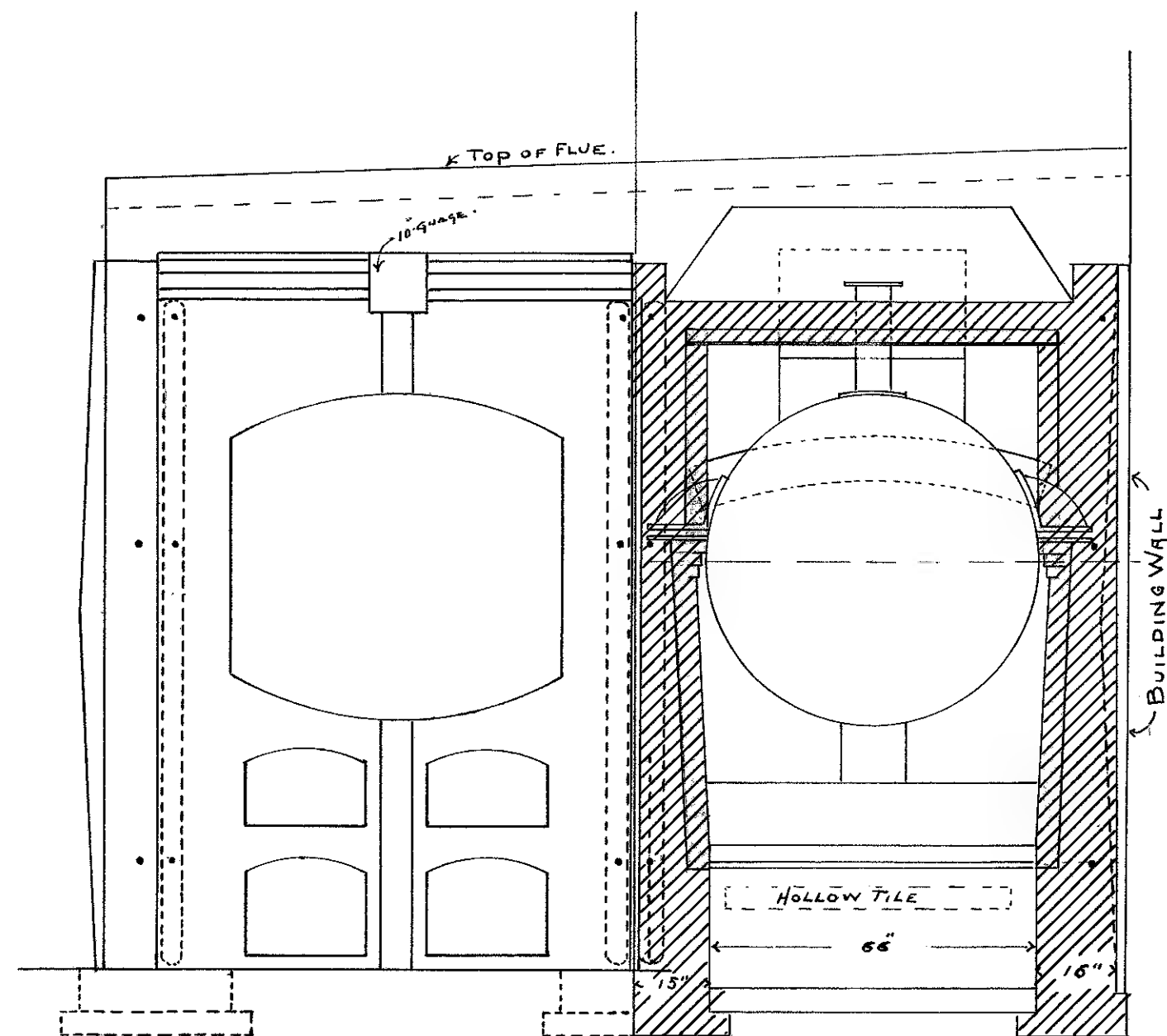
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**ARCHITECTS.**  
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Note. Location of fixtures must be Verified at Building.

240-220  
9.6.1900

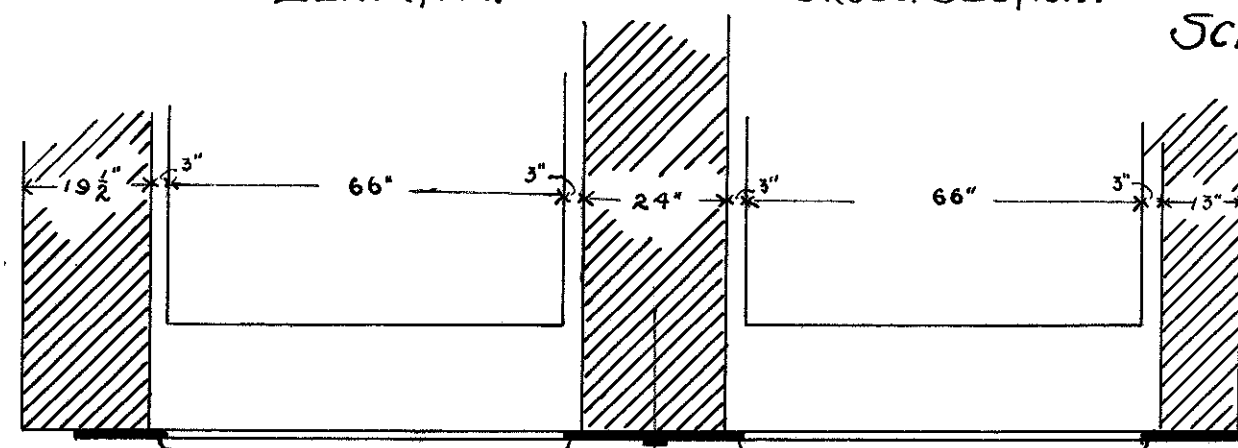




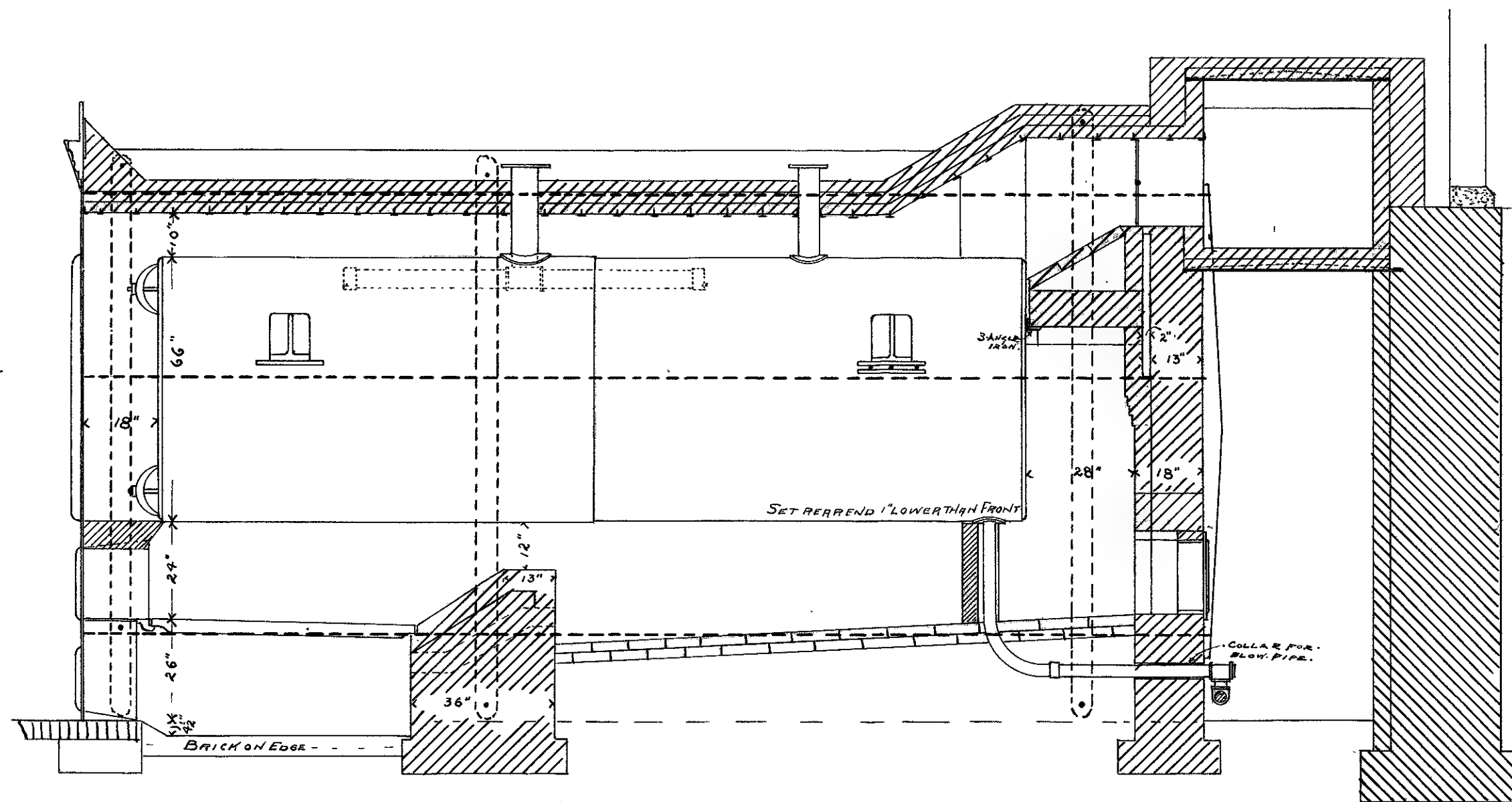
ELEVATION.

CROSS SECTION.

SCALE  $\frac{3}{8}$ " = ONE FOOT.



PLAN AT CENTRE LINE OF BOILERS -

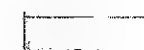


LONG SECTION.

DETAIL OF BOILER SETTING.  
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NOTE.

FIRE BRICK ARE SHOWN THUS



RANKIN & KELLOGG ARCHTS.  
1024 WALNUT ST. PHILA. PA.



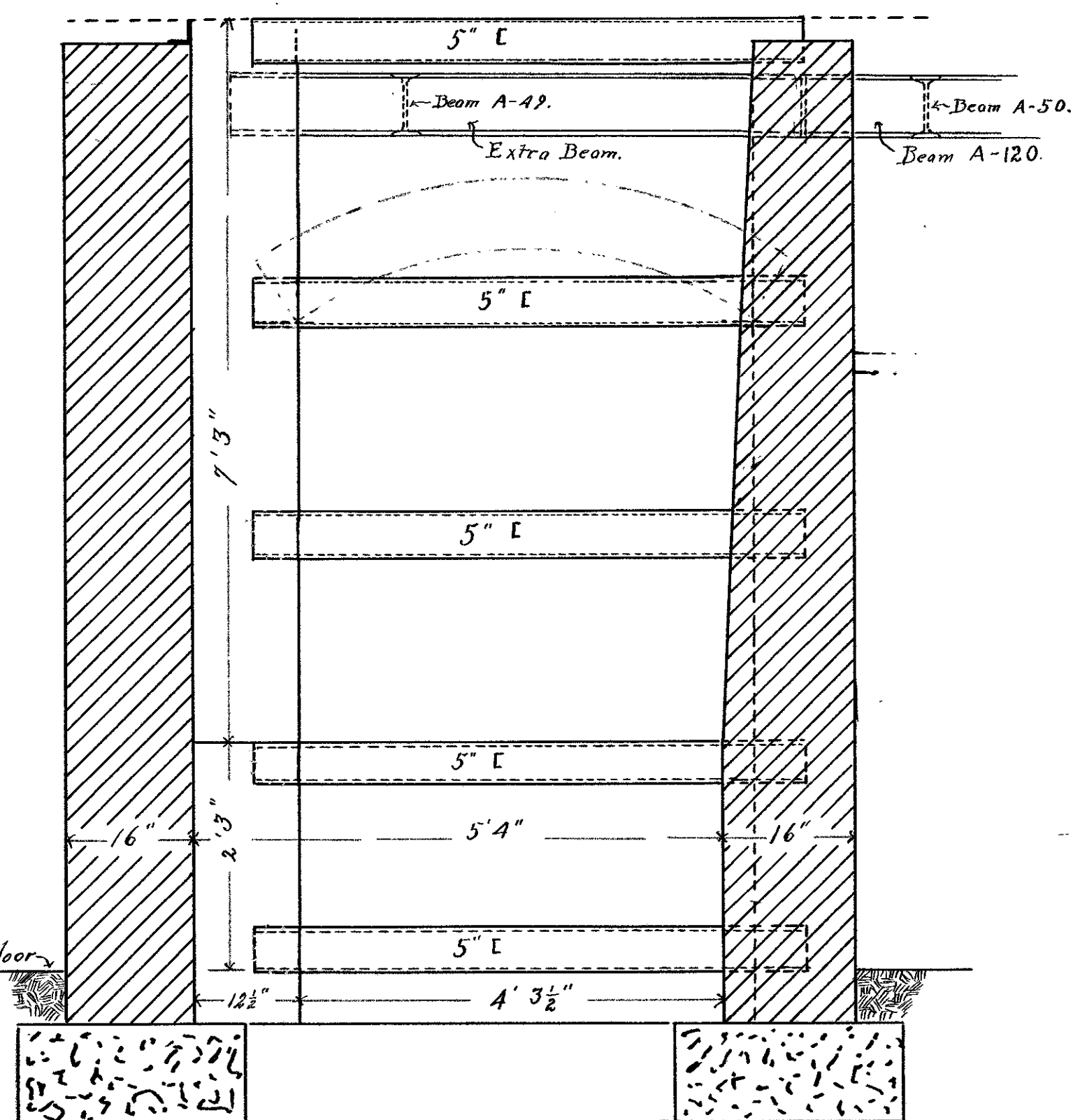
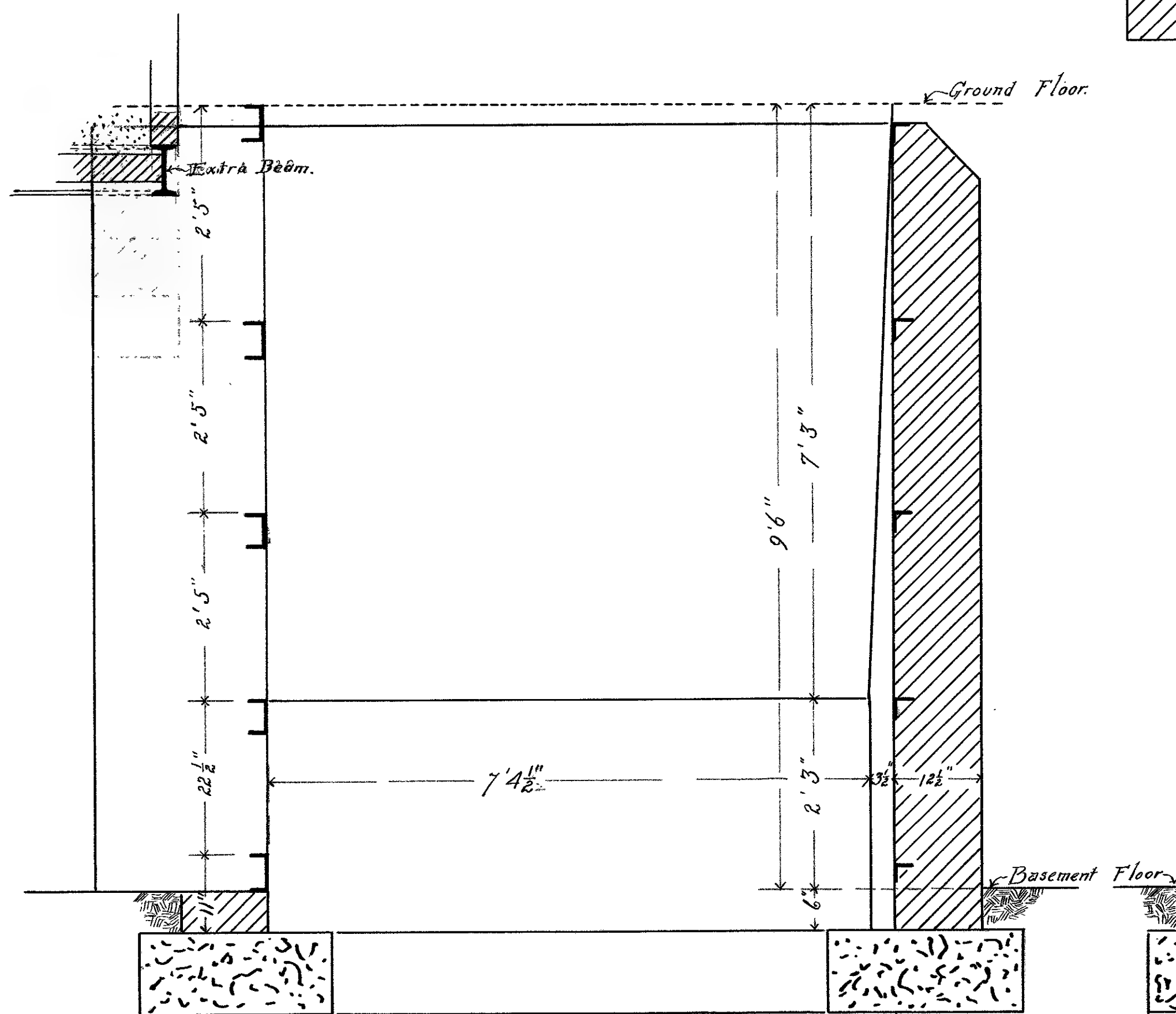
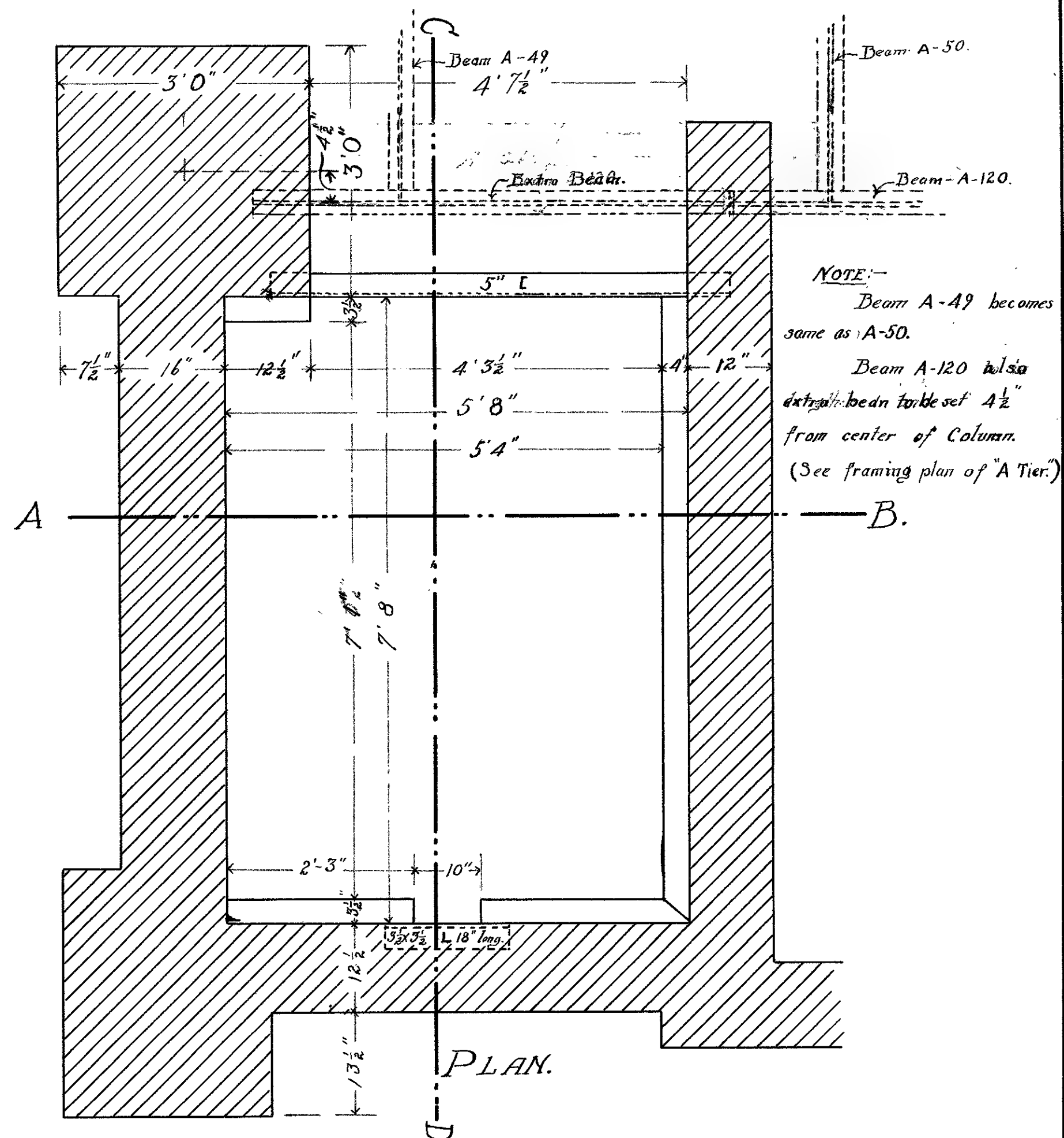
DETAIL OF WALLS  
FOR  
AIR CUSHION,  
FREE PUBLIC LIBRARY,  
NEWARK, N. J.

RANKIN & KELLOGG - ARCH'TS.  
1024 WALNUT ST., PHILA.

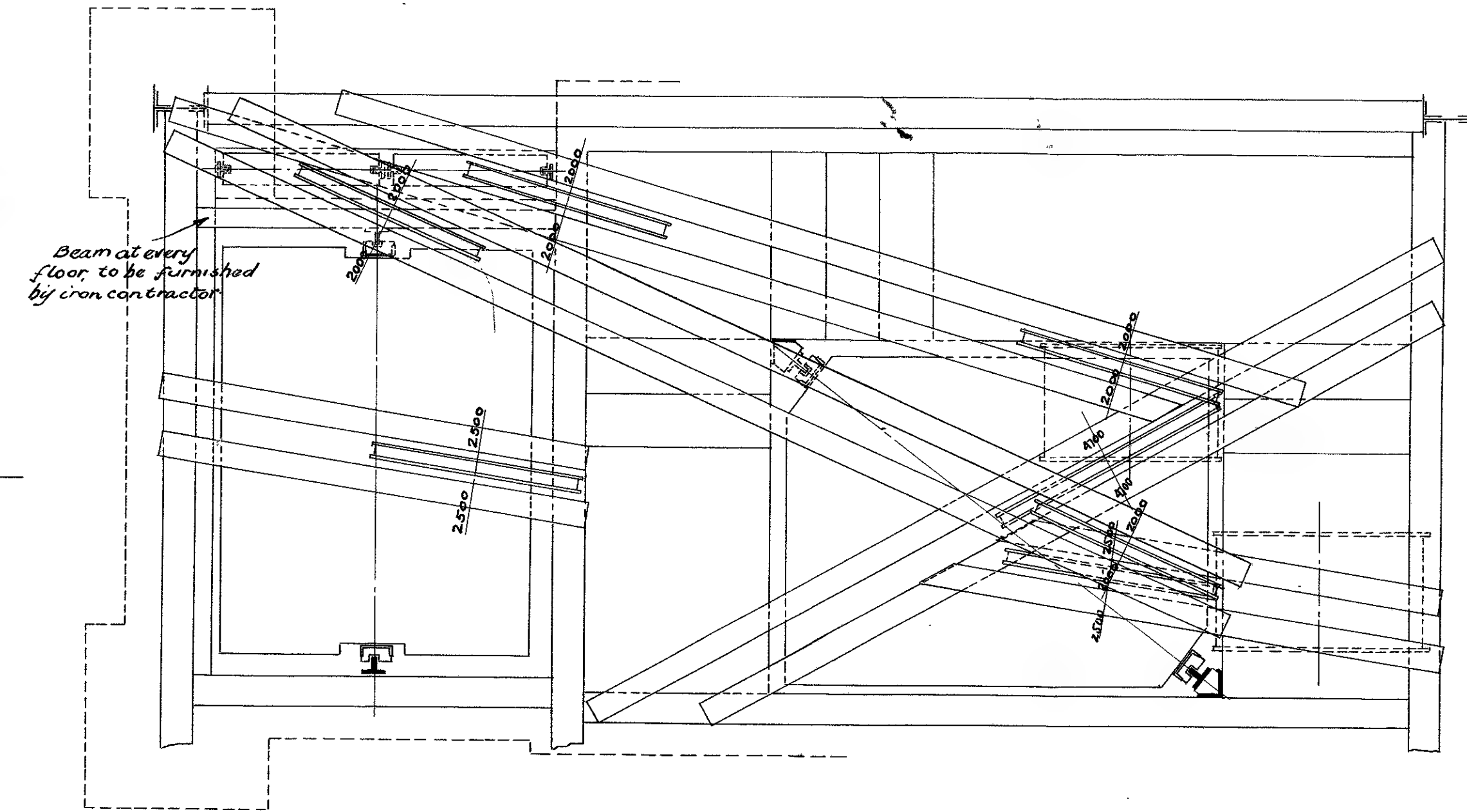
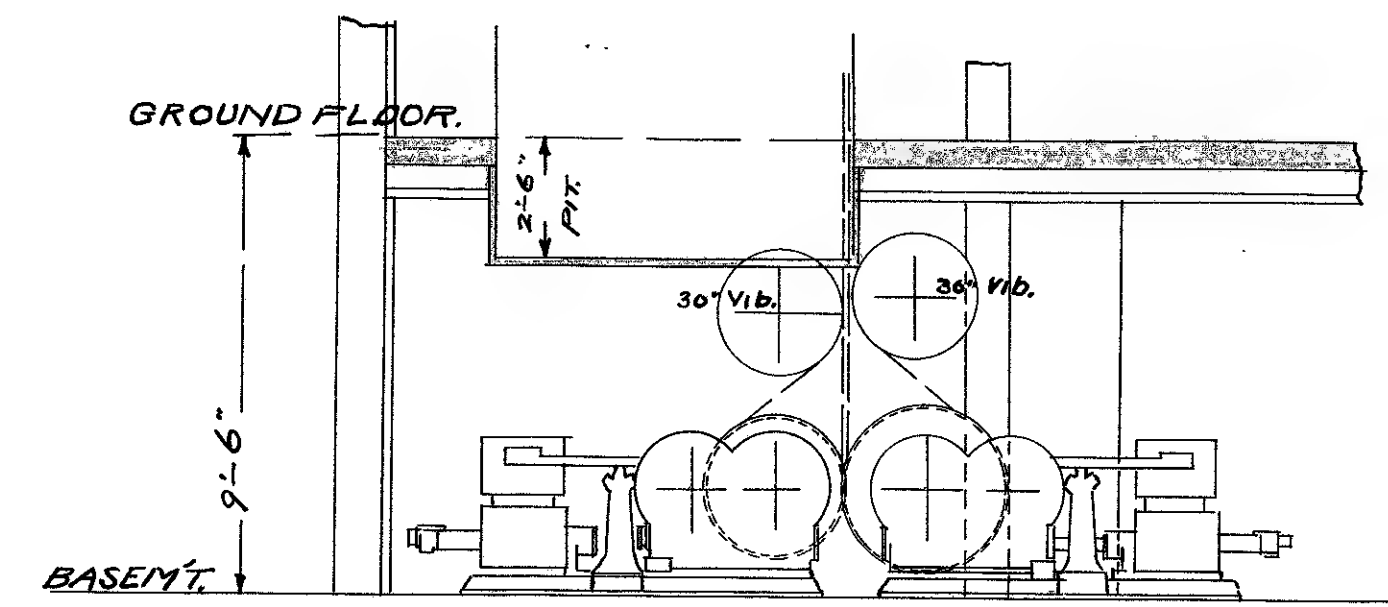
SCALE:  $\frac{3}{4}$ " = 1'0"  
Nov. 25 - 1898.

No 240-99.

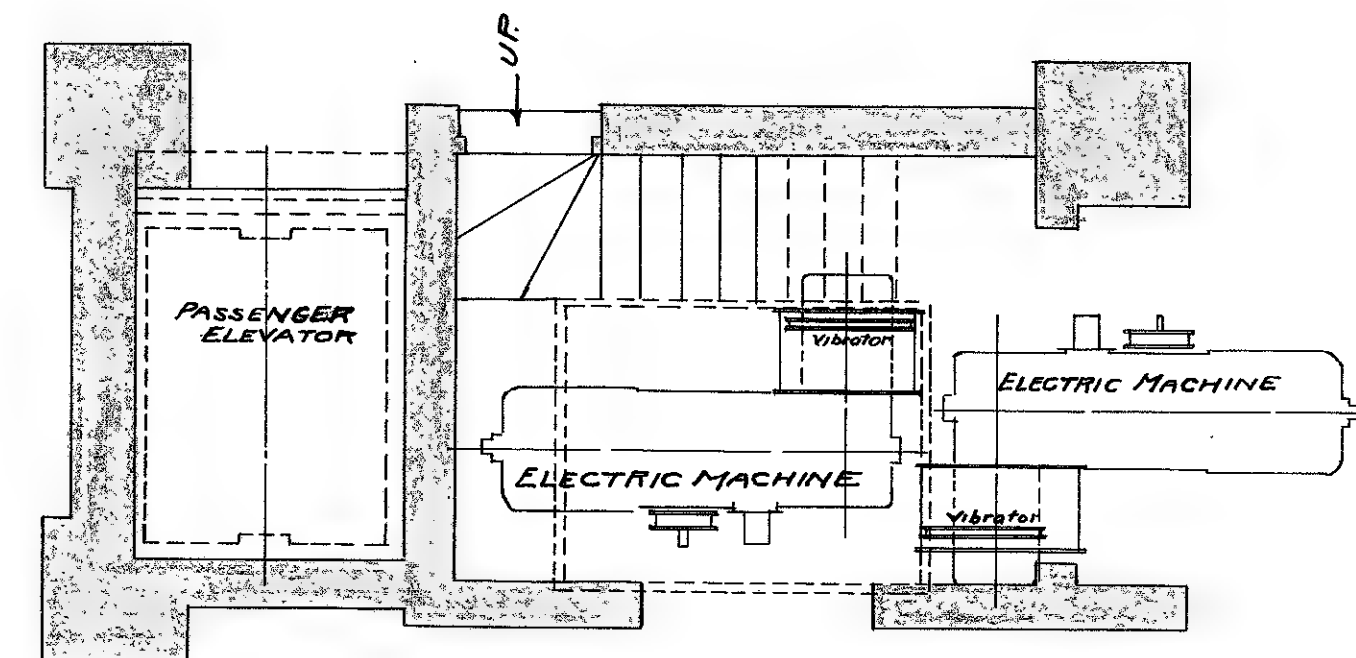
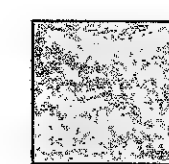
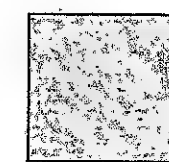
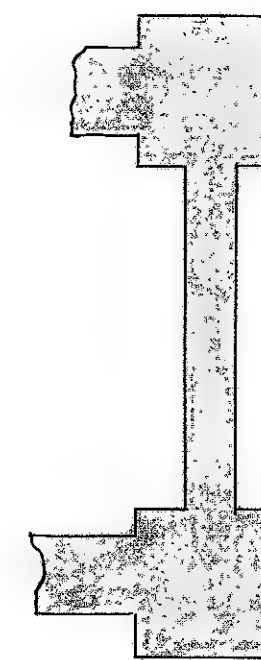
SEE SHEET #240-24. *fl.*



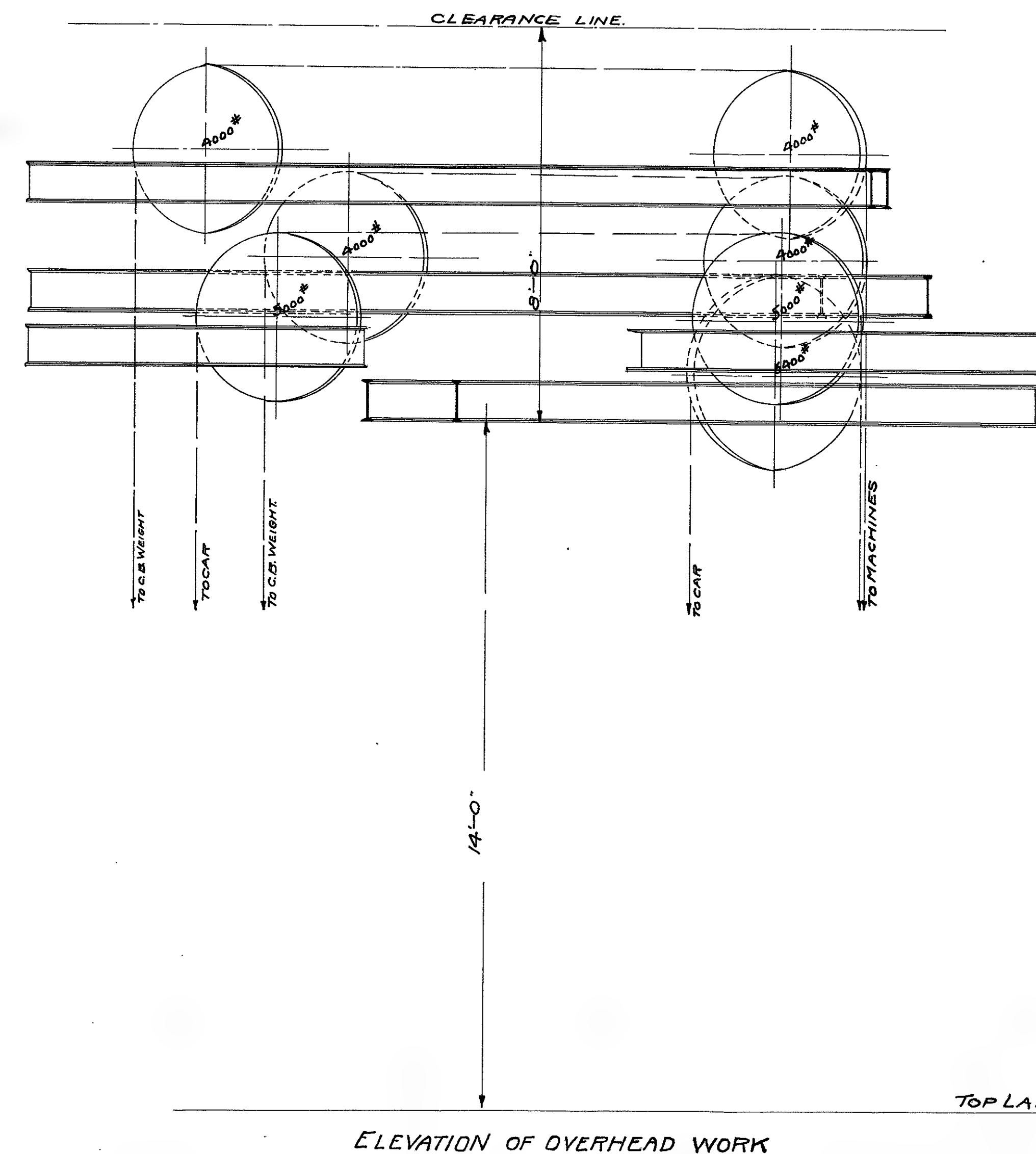




PLAN OF ELEVATORS  
SCALE =  $\frac{1}{2}$ " = 1'-0"



PLAN SHOWING POSITION OF MACHINES  
SCALE  $\frac{1}{4}$ " = 1'-0"



ELEVATION OF OVERHEAD WORK

PROPOSED ELECTRIC ELEVATORS  
FOR  
FREE PUBLIC LIBRARY  
WASHINGTON ST. NEWARK, N.J.

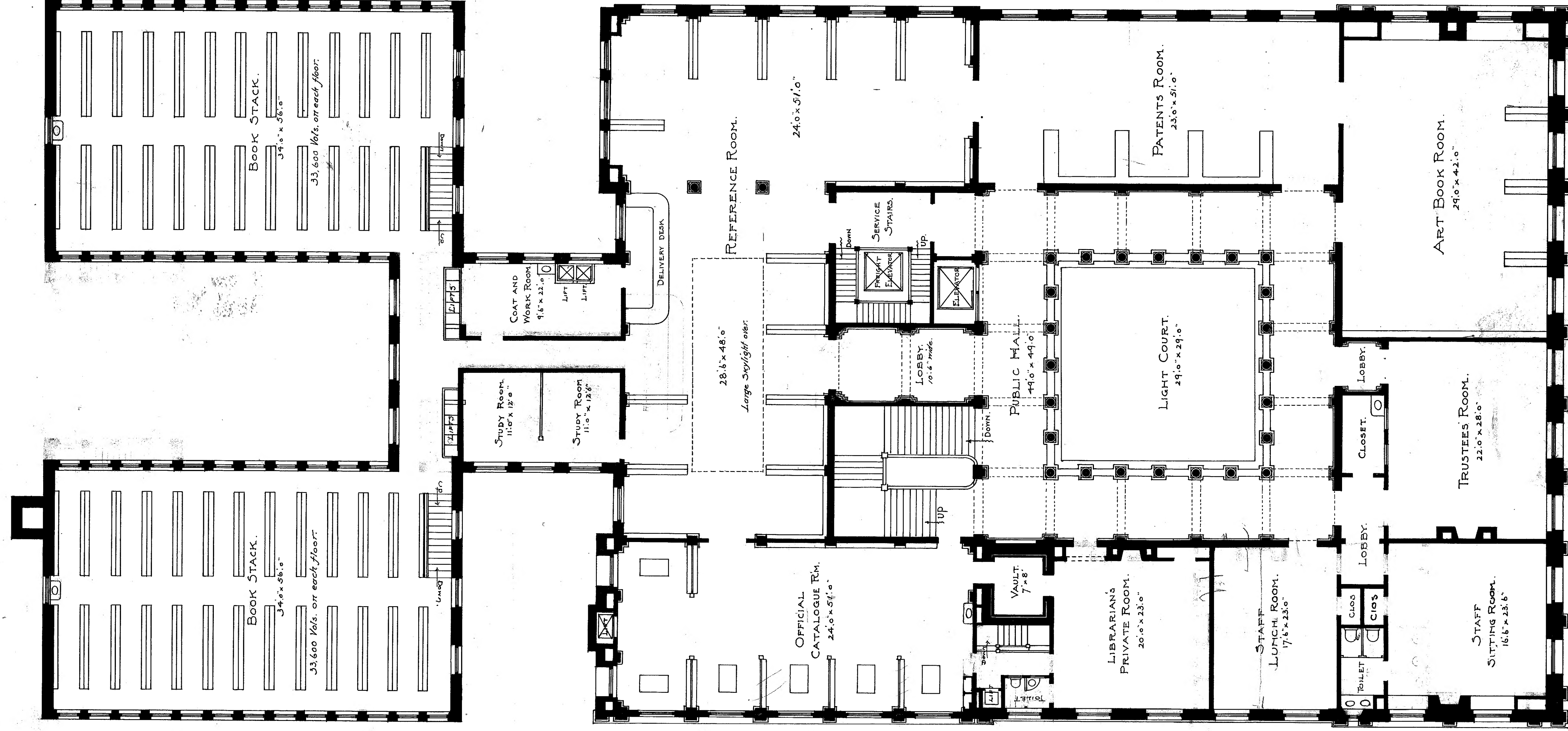
RANKIN & KELLOGG ARCHTS.

OTIS BROTHERS & CO.

SCALES =  $\frac{1}{4}$ ",  $\frac{1}{2}$ " & 1" = 1'-0"

NOV.-16, 1898.



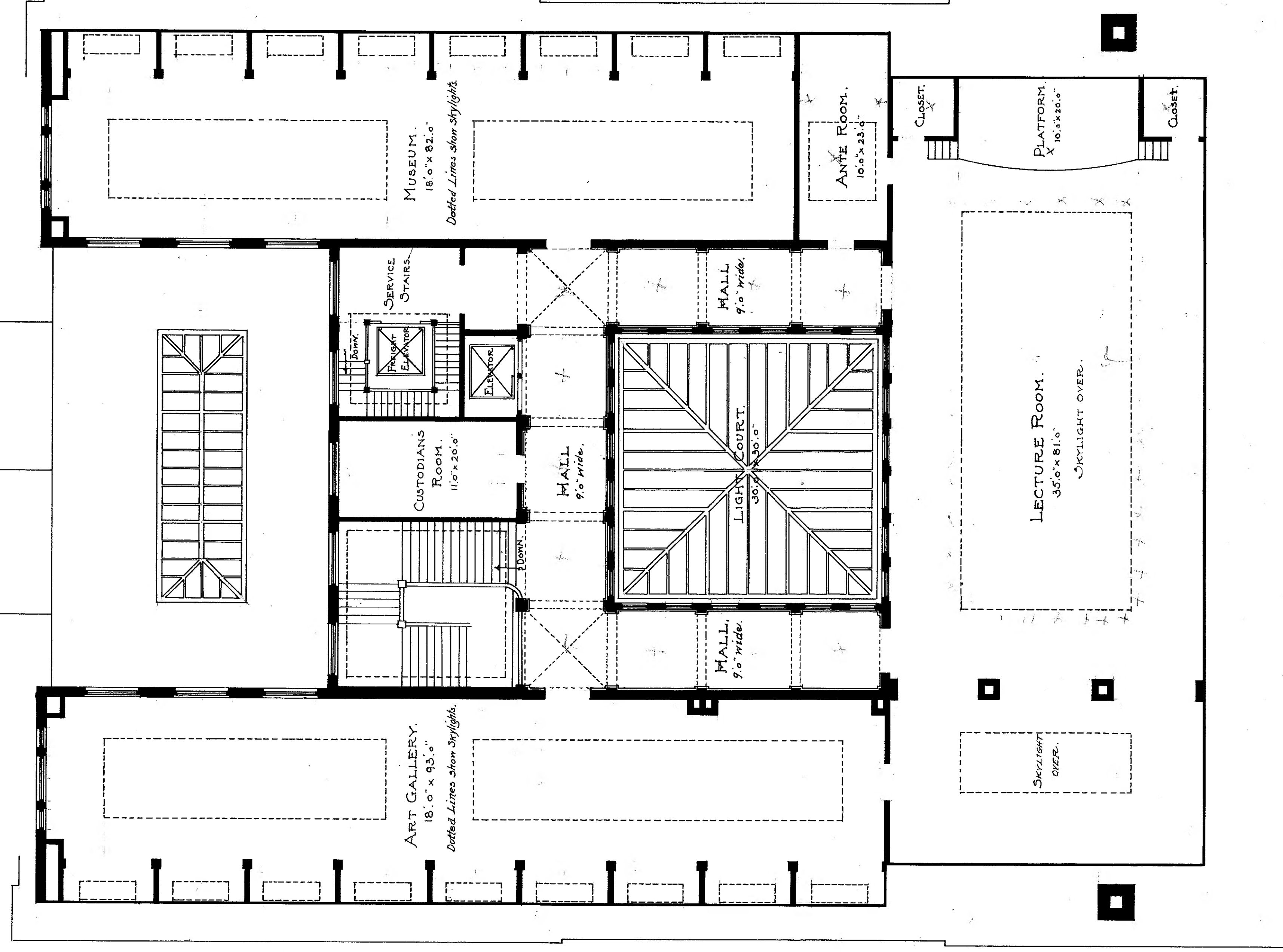
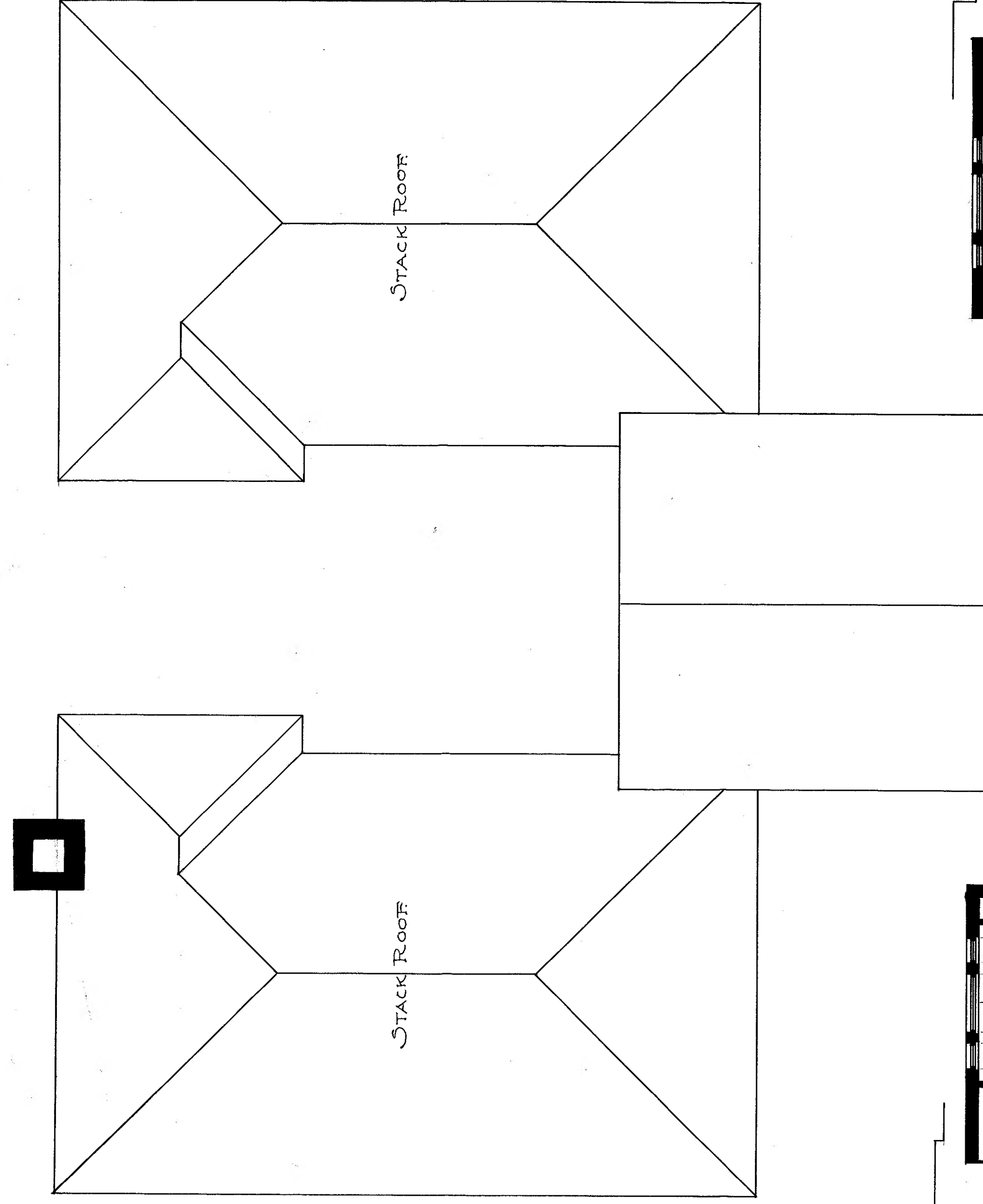


PLAN OF SECOND FLOOR.  
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RANKIN & KELLOGG, ARCHITECTS.  
1024 WALNUT STREET, PHILA.

SCALE  
0 5 10 15 20 feet



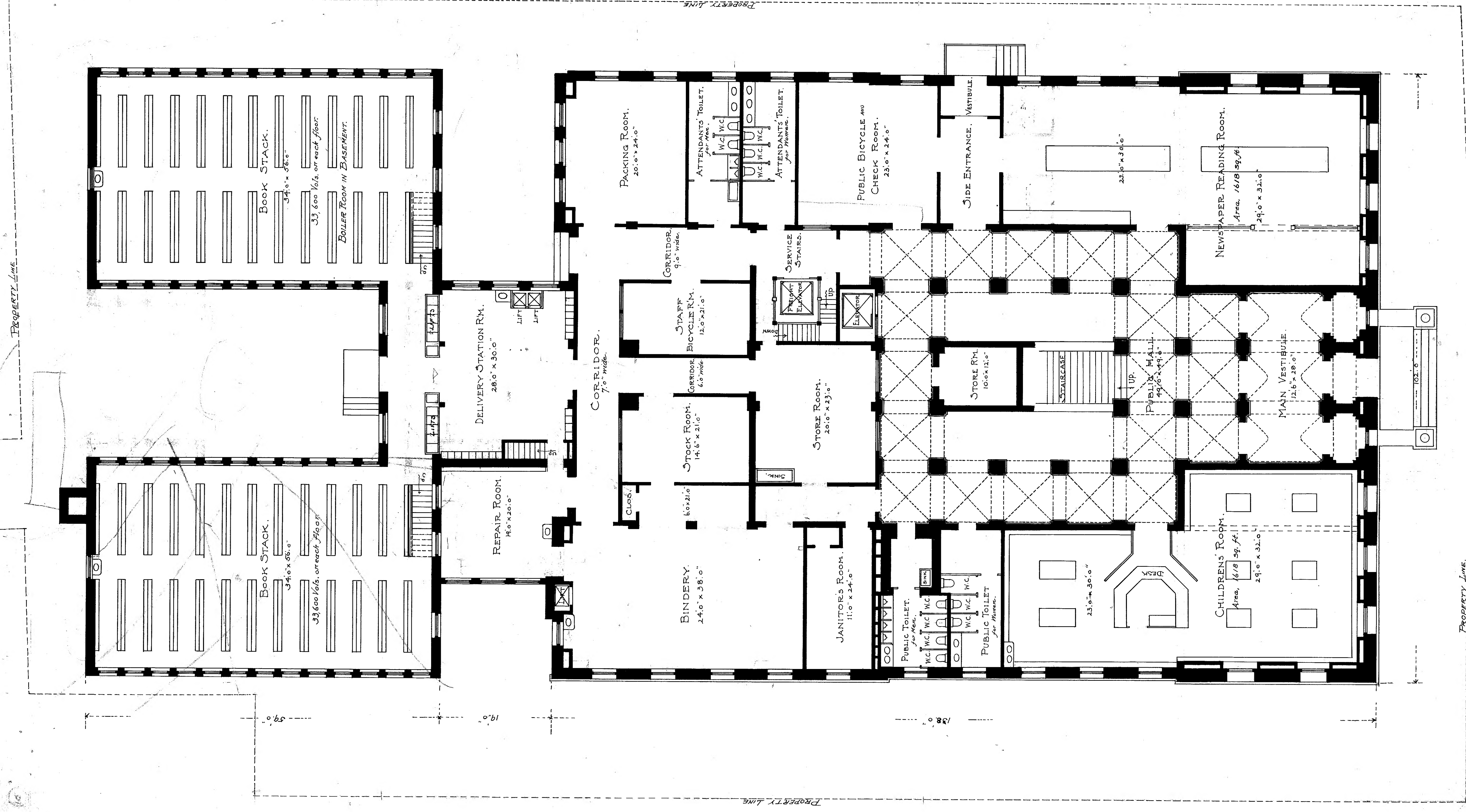


PLAN OF THIRD FLOOR.  
FREE PUBLIC LIBRARY.  
NEWARK, N.J.

RANKIN & KELLOGG, ARCHITECTS,  
1024 WALNUT STREET, PHILA.

SCALE.  
0 5 10 15 20 feet





PLAN OF GROUND FLOOR.

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RANKIN & KELLOGG, ARCHITECTS,  
1024 WALNUT STREET, PHILA.

